

mat'l. code	surface / tolerance ISO 1302 ISO 1101 ISO 406 tolerance													
ecn no	dr	date	tolerances unless otherwise specified											
BA N08-0073	Rev	4/28/08	linear	.XX4.01/.X4.03			angles				.XX4.005/.XX4.013			
BB N09-0007	R.B	2009/01/12	linear	.XX4.005/.XX4.013							.XX4.020 .XX4.035			
BC ELX-N-012097	U.Z	2012-07-04		.XX4.020 .XX4.035			0.2°							
BD ELX-N-13354	DCS	2012-11-02	dr	M. CORNMAN 8/21/90										
BE ELX-N-17979	TIM	2014-06-17	engr	M. SMYK 8/21/90										
BF ELX-N-24312	MZ	2016-06-17	chr	M. SMYK 8/21/90										
BG ELX-N-25774	MZ	2016-12-28	oppd	M. SMYK 8/21/90										
sheet			revision	index										
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21			BG											
22			BG											
23			BG											

product family QUICKIE

product projection

title HEADER, QUICKIE

SEA-HORSE, VERTICAL

scale 1:1

product family QUICKIE

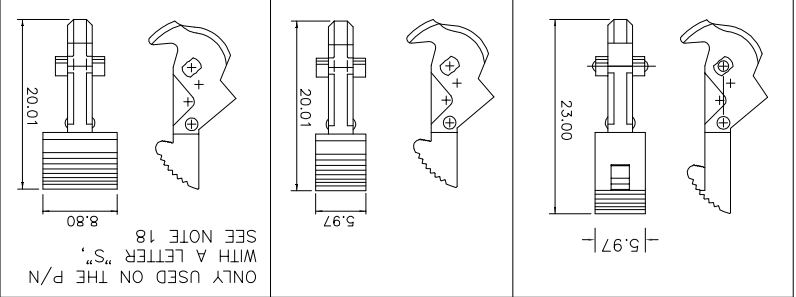
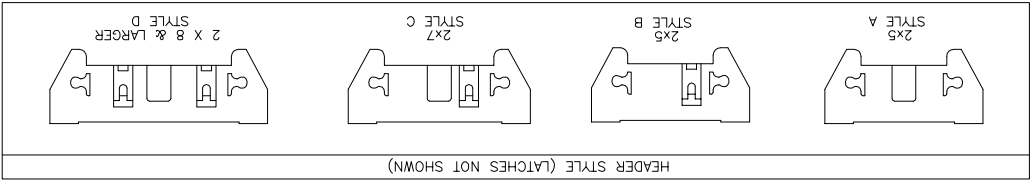
product type type Product Customer Drawing

65863

dwg no sheet 1 of 23 size

- NOTES:
- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0.
  - COLOR : BLACK
  - PIN MATERIAL: PHOSPHOR-BRONZE
  - 3 LBS/1.36 KG MIN. RETENTION.
  - TO DETERMINE DIMENSION:
    - 3 TO DETERMINE DIMENSION:
    - N = NUMBER OF POSITIONS.
    - EXAMPLE: 10 POS., (N-1) x .100[2.54]=.900[22.87]
  - RETENTIVE LEG:
    - RETENTION FEATURE AVAILABLE ON CONNECTORS WITH .105/2.67, .120/3.05 OR .150/3.81 TAIL LENGTH. RETENTION P/N INCLUDES THE LETTER "R"
    - AFTER THE EXISTING P/N.
    - EXAMPLE : 65863-xxx FOR EXISTING P/N
    - 65863-xxxR FOR RETENTION P/N
    - RETENTION FEATURE LOCATION IS MANUFACTURERS OPTION.
    - 5LB/2.3KG MAX INSERTION FORCE AND .25LB/.1KG MIN RETENTION FORCE
    - PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER.
    - OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
  - MAX DRAFT PERMISSIBLE ON ALL SURFACES UNLESS OTHERWISE SPECIFIED.
  - PLATING ON LEAD-IN PORTION OF PIN IS MANUFACTURING OPTION.
  - L.P. LATCHES TO BE USED WITH FEMALE CONNECTOR WITHOUT STRAIN RELIEF. STANDARD LATCHES TO BE USED WITH FEMALE CONNECTOR WITH STRAIN RELIEF.
  - RECOMMENDED MOUNTING SCREW SIZE : #2-56 FILLISTER HEAD MACHINE SCREW. 1/4" LONG FOR 1/16" AND 3/32" BOARD, 5/16" LONG FOR 1/8" BOARD.
  - DASH -7XX IS POLARIZED (PIN MISSING).
  11. UNDERPLATING: 50µ"/1.27µm NI.
  - ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
  - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
  - FOR POLARIZATION, SPECIFY POSITION NUMBER (i.e., 03 = PIN 3) TO OMIT PIN. OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
  - THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
  - THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
  - PLATING OPTIONS:
    - PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON CONTACT OR TAIL. OPTIONALLY TIN ON TAIL.
  - THE PART NUMBER IN THE DASH NUMBER WITH A LETTER "S" WILL HAVE A SPECIAL SEA HORSE USED.
  - LEAD FREE PLATING: 100µ"~160µ"/2.54µ~4.06µ PURE Sn.
  - 65863-xxxP, P-DESIGNATE ORIENTATION POST.(SEE PAGE 23)
  - 65863-xxxxF, F-PLATING FOUR SIDES ON CONTACT AREA.(SEE PAGE 23)
  - 65863-xxxxPC, FOR THIS TYPE PART NUMBER, THE PACKAGE MATERIAL IS TRAY(101319678-02-001).

6 5 4 3 2 1



mat'l code		ISO 1302		SURFACE FINISH		tolerance		protection		product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified	XXF.01/XXF.03	XXF.005/XXF.013	XXF.005/XXF.013	XXF.0020/XXF.0051	MM	SEA-HORSE, QUICKIE	QUICKIE
BG		angles			linear				MM	HEADER, QUICKIE	
		0±2°							Scale 1:1	SEA-HORSE, VERTICAL	
		dr	M. CORNMAN	8/21/90	engr	M. SMYK	8/21/90	appd	M. SMYK	8/21/90	
					chr	M. SMYK	8/21/90				
sheet	revision										
dwg no		sheet 2 of 23 size		A3		65863		type Product Customer Drawing			

6 5 4 3 2 1

PRODUCT NO	NOTE 12,13	SIZE	LATCH	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-001	8	2x5	NO	.400/10,160	.105/2,67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	A
65863-002					.105/2,67	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-003					.150/3,81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-004					.150/3,81	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-005					.675/17,15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-006		2x5		.400/10,160	.675/17,15	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	A
65863-007		2x7		.600/15,240	.105/2,67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	C
65863-008					.105/2,67	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-009					.150/3,81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-010					.150/3,81	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-011					.675/17,15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-012		2x7		.600/15,240	.675/17,15	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	C
65863-013		2x8		.700/17,780	.105/2,67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	D
65863-014					.105/2,67	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-015					.150/3,81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-016					.150/3,81	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-017					.675/17,15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-018		2x8		.700/17,780	.675/17,15	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-019		2x10		.900/22,860	.105/2,67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-020					.105/2,67	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-021					.150/3,81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-022					.150/3,81	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-023					.675/17,15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-024		2x10		.900/22,860	.675/17,15	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-025		2x13		1.200/30,480	.105/2,67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-026					.105/2,67	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-027					.150/3,81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-028					.150/3,81	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-029					.675/17,15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-030		2x13		1.200/30,480	.675/17,15	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-031		2x17		1.600/40,640	.105/2,67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-032					.105/2,67	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-033					.150/3,81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-034					.150/3,81	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	
65863-035					.675/17,15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	
65863-036		2x17	NO	1.600/40,640	.675/17,15	120U"~200U"/3.04uM~5.08uM/TIN/LEAD	D

mat'l. code		ISD 1302	tolerance	ISD 1101	projection	product family	QUICKIE
ltr		ecm no	dr	date	tolerances unless otherwise specified	title	SEA-HORSE, VERTICAL
BG		angles	linear	xxxx.006/xxxx.013	xxxx.01/xxxx.03	MM	HEADER, QUICKIE
0.42°		linear	xxxx.006/xxxx.013	xxxx.01/xxxx.03	xxxx.006/xxxx.013	MM	HEADER, QUICKIE
sheet		revision	sheet	revision	sheet	revision	sheet
pppd		M. SMYK	8/21/90	8/21/90	8/21/90	8/21/90	8/21/90
chr		M. SMYK	8/21/90	8/21/90	8/21/90	8/21/90	8/21/90
engr		M. SMYK	8/21/90	8/21/90	8/21/90	8/21/90	8/21/90
dr		M. CORNMAN	8/21/90	8/21/90	8/21/90	8/21/90	8/21/90
type		Product	Customer	Drawing	65863		
dwg no		sheet 3 of 23size					
A3							

PRODUCT NO	SIZE	LAUNCH NOTE	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-037	2x20	NO	1.900/48.260	.105 / 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-038	↓	↓	↓	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	↓
-039	↓	↓	↓	.150 / 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-040	↓	↓	↓	.150 / 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	↓
-041	↓	↓	↓	.675 / 17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-042	2x20	1.900/48.260	.675 / 17.15	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-043	2x25	2.400/60.960	.105 / 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓	
-044	↓	↓	↓	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-045	↓	↓	↓	.150 / 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-046	↓	↓	↓	.150 / 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-047	↓	↓	↓	.675 / 17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-048	2x25	NO	2.400/60.960	.675 / 17.15	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-049	2x5	STD	.400/10.160	.105 / 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-050	↓	↓	↓	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-051	↓	↓	↓	.150 / 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-052	↓	↓	↓	.150 / 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-053	↓	↓	↓	.675 / 17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-054	2x5	.400/10.160	.675 / 17.15	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-055	2x7	.600/15.240	.105 / 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19	
-056	↓	↓	↓	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-057	↓	↓	↓	.150 / 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-058	↓	↓	↓	.150 / 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-059	↓	↓	↓	.675 / 17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-060	2x7	.600/15.240	.675 / 17.15	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-061	2x8	.700/17.780	.105 / 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-062	↓	↓	↓	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-063	↓	↓	↓	.150 / 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-064	↓	↓	↓	.150 / 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-065	↓	↓	↓	.675 / 17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-066	2x8	.700/17.780	.675 / 17.15	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-067-067PC	2x10	.900/22.860	.105 / 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 22	
-068	↓	↓	↓	.105 / 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-069	↓	↓	↓	.150 / 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-070	↓	↓	↓	.150 / 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	NOTE 16.19
-071	↓	↓	↓	.675 / 17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
65863-072	2x10	STD	.900/22.860	.675 / 17.15	120u"~200u"/3.04um~5.08umTIN/LEAD	D

mat'l code	ISD 1302	surface	tolerance	ISH 406	ISH 1101	tolerance unless otherwise specified	MM	title	SEA-HORSE, VERTICAL	product family	QUICKIE
ltr ecn no	dr	date	tolerances unless otherwise specified	angles	linear	XXXX.000/XXXX.013	MM	title	HEADERS, QUICKIE	product family	QUICKIE
sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision
dr	M. CORNMAN	8/21/90	dr	M. CORNMAN	8/21/90	dr	M. CORNMAN	8/21/90	dr	M. CORNMAN	8/21/90
engr	M. SMYK	8/21/90	engr	M. SMYK	8/21/90	engr	M. SMYK	8/21/90	engr	M. SMYK	8/21/90
chr	M. SMYK	8/21/90	chr	M. SMYK	8/21/90	chr	M. SMYK	8/21/90	chr	M. SMYK	8/21/90
appd	M. SMYK	8/21/90	appd	M. SMYK	8/21/90	appd	M. SMYK	8/21/90	appd	M. SMYK	8/21/90
dwg no	65863	sheet 4 of 23 size	dwg no	65863	sheet 4 of 23 size	dwg no	65863	sheet 4 of 23 size	dwg no	65863	sheet 4 of 23 size
type	Product Customer Drawing	type	Product Customer Drawing	type	Product Customer Drawing	type	Product Customer Drawing	type	Product Customer Drawing	type	Product Customer Drawing

6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1

PRODUCT NO NOTES 12.13	SIZE	LAUNCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-073-073PC	2x13	STD	1.200/30.480	.105/ 2.67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	D
-074				.105/ 2.67	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-075				.150/ 3.81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-076				.150/ 3.81	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-077				.675/17.15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-078				.675/17.15	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-079-079PC	2x17		1.600/40.640	.105/ 2.67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 22
-080				.105/ 2.67	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-081				.150/ 3.81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-082				.150/ 3.81	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-083				.675/17.15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-084				.675/17.15	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-085-085PC	2x20		1.900/48.260	.105/ 2.67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-086				.105/ 2.67	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-087				.150/ 3.81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-088				.150/ 3.81	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-089				.675/17.15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-090				.675/17.15	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-091				.105/ 2.67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-092				.105/ 2.67	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-093				.150/ 3.81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-094				.150/ 3.81	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-095				.675/17.15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-096				.675/17.15	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-097				.105/ 2.67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-098				.105/ 2.67	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-099				.150/ 3.81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-100				.150/ 3.81	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-101				.675/17.15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-102				.675/17.15	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-103				.105/ 2.67	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-104				.105/ 2.67	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-105				.150/ 3.81	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
-106				.150/ 3.81	120U"~200U"/3.04um~5.08umTIN/LEAD	NOTE 16,19
-107				.675/17.15	30U"/0.76u MIN (NOTE 17) OVER 50U"/1.27u NI	NOTE 16,19
65863-108	2x30	STD	2.900/73.660	.675/17.15	120U"~200U"/3.04um~5.08umTIN/LEAD	D

mat'l code	ISO 1302	surface tolerance	ISH 406 ISH 1101	projection	product family	QUICKIE
ltr ecn no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL HEADER, QUICKIE
angles	0°±2'	linear	XXXX.005/XXXX.013 XXXX.002/XXXX.051	scale 1:1	dwg no	65863
dr	M. CORNMAN	8/21/90			sheet 5 of 23size	A3
engr	M. SMYK	8/21/90			Amphenol FCI	
chr	M. SMYK	8/21/90			type Product Customer Drawing	
appd	M. SMYK	8/21/90			revision	sheet

INDEX							
sheet							
revision							

PRODUCT NO	SIZE	LATCH NOTE	DIM B	DIM D	TERMINAL PLATING	STYLE
5863-109	2x5	NO	.400/10.160	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
110	2x7	NO	.600/15.240			C
111	2x8	NO	.700/17.780			D
112	2x10	NO	.900/22.860			
113	2x13	NO	1.200/30.480			
114	2x17	NO	1.600/40.640			
115	2x20	NO	1.900/48.260			
116	2x25	NO	2.400/60.960			
117	2x30	NO	2.900/73.660			D
118	2x5	STD	.400/10.160			A
119	2x7	NO	.600/15.240			C
120	2x8	NO	.700/17.780			D
121	2x10	NO	.900/22.860			
122	2x13	NO	1.200/30.480			
123	2x17	NO	1.600/40.640			
124	2x20	NO	1.900/48.260			
125	2x25	NO	2.400/60.960			
126	2x30	STD	2.900/73.660	.105/ 2.67		
127	2x20	NO	1.900/48.260	.150/ 3.81		
128	2x20	STD	1.900/48.260			D
129	2x5	NO	.400/10.160			A
130	2x7	NO	.600/15.240			C
131	2x8	NO	.700/17.780			D
132	2x10	NO	.900/22.860			
133	2x13	NO	1.200/30.480			
134	2x17	NO	1.600/40.640			
135	2x20	NO	1.900/48.260			
136	2x25	NO	2.400/60.960			
137	2x30	NO	2.900/73.660			D
138	2x5	STD	.400/10.160			A
139	2x7	NO	.600/15.240			C
140	2x8	NO	.700/17.780			D
141	2x10	NO	.900/22.860			
142	2x13	NO	1.200/30.480			
143	2x17	NO	1.600/40.640			
5863-144	2x20	STD	1.900/48.260	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D

mat'l code	ISD 1302	surface	tolerance	ISH 406	ISH 1101	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	SEA-HORSE, VERTICAL
angles	linear	0±.2°	XXXX.000 XXXX.051	XXXX.000 XXXX.013	XXXX.01 XXXX.03	MM	HEADER, QUICKIE	
scale 1:1	dwg no	sheet 6 of 23	size	Amphenol FCI	65863	type	Product Customer Drawing	
sheet	revision	sheet	index	revision	sheet	index	sheet	

6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1

PRODUCT NO	SIZE	LAICH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-145	2x25	STD	2.400/60,960	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
						D
						D
-146	2x30	STD	2.900/73,660	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
						A
-147	2x5	NO	.400/10,160	.675/17,15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	A
						C
-148	2x7		.600/15,240			C
						D
-150	2x10		.900/22,860			D
						D
-151	2x13		1.200/30,480			D
						D
-152	2x17		1.600/40,640			D
						D
-153	2x20		1.900/48,260			D
						D
-154	2x25		2.400/60,960			D
						D
-155	2x30	NO	2.900/73,660			D
						A
-156	2x5	STD	.400/10,160			A
						C
-157	2x7		.600/15,240			C
						D
-158	2x8		.700/17,780			D
						D
-159	2x10		.900/22,860			D
						D
-160	2x13		1.200/30,480			D
						D
-161	2x17		1.600/40,640			D
						D
-162	2x20		1.900/48,260			D
						D
-163	2x25		2.400/60,960			D
						D
-164	2x30	STD	2.900/73,660	.675/17,15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D
						A
-165	2x5	LP	.400/10,160	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
						A
-166	2x7		.600/15,240	.105/ 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	A
						A
-167	2x8		.700/17,780	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
						A
-168	2x8		.700/17,780	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
						A
-169	2x8		.700/17,780	.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
						A
-170	2x5		.400/10,160	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	A
						A
-171	2x7		.600/15,240	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	C
						C
-172	2x7		.600/15,240	.105/ 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	C
						C
-173	2x8		.700/17,780	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	C
						C
-174	2x8		.700/17,780	.150/ 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	C
						C
-175	2x7		.600/15,240	.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	C
						C
-176	2x7		.600/15,240	.675/17,15	120u"~200u"/3.04um~5.08umTIN/LEAD	C
						C
-177	2x8		.700/17,780	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
						D
-178	2x8		.700/17,780	.105/ 2.67	120u"~200u"/3.04um~5.08umTIN/LEAD	D
						D
-179	2x8		.700/17,780	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
						D
65863-180	2x8	LP	.700/17,780	.150/ 3.81	120u"~200u"/3.04um~5.08umTIN/LEAD	D

mat'l. code		ISD 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ec'n no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles				XXXXX.000 XXXX.001	MM	dwg no	65863
0±.2°				XXXXX.000/XXXX.013	MM	sheet 7 of 23size	A3
				XXXXX.005/XXXX.013	MM	Amphenol	
				XXXXX.000 XXXX.001	MM	FCI	
				XXXXX.000 XXXX.001	MM	type Product Customer	Drawing
sheet	revision	sheet	revision				

PRODUCT NO	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-181	2x8	LP	.700/17.780	.675/17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
↓	↓	↓	.900/22.860	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
182	2x8		.700/17.780	.675/17.15	120u"~200u"/3.04um~5.08um TIN/LEAD	NOTE 16,19
↓	↓	↓	.900/22.860	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
183	2x10		.900/22.860	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	.900/22.860	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
184	↓	↓	↓	↓	↓	NOTE 16,19
185	↓	↓	↓	↓	↓	NOTE 16,19
186	↓	↓	↓	↓	↓	NOTE 16,19
187	↓	↓	↓	↓	↓	NOTE 16,19
188	2x10		.900/22.860	.675/17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
189	2x13		1.200/30.480	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
190	↓	↓	↓	↓	↓	NOTE 16,19
191	↓	↓	↓	↓	↓	NOTE 16,19
192	↓	↓	↓	↓	↓	NOTE 16,19
193	↓	↓	↓	↓	↓	NOTE 16,19
194	2x13		1.200/30.480	.675/17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
195	2x17		1.600/40.640	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
196	↓	↓	↓	↓	↓	NOTE 16,19
197	↓	↓	↓	↓	↓	NOTE 16,19
198	↓	↓	↓	↓	↓	NOTE 16,19
199	↓	↓	↓	↓	↓	NOTE 16,19
200	2x17		1.600/40.640	.675/17.15	120u"~200u"/3.04um~5.08um TIN/LEAD	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
201	2x20		1.900/48.260	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
202	↓	↓	↓	↓	↓	NOTE 16,19
203	↓	↓	↓	↓	↓	NOTE 16,19
204	↓	↓	↓	↓	↓	NOTE 16,19
205	↓	↓	↓	↓	↓	NOTE 16,19
206	2x20		1.900/48.260	.675/17.15	120u"~200u"/3.04um~5.08um TIN/LEAD	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
207	2x25		2.400/60.960	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
208	↓	↓	↓	↓	↓	NOTE 16,19
209	↓	↓	↓	↓	↓	NOTE 16,19
210	↓	↓	↓	↓	↓	NOTE 16,19
211	↓	↓	↓	↓	↓	NOTE 16,19
212	2x25		2.400/60.960	.675/17.15	120u"~200u"/3.04um~5.08um TIN/LEAD	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
213	2x30		2.900/73.660	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
214	2x30		2.900/73.660	.105/ 2.67	120u"~200u"/3.04um~5.08um TIN/LEAD	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
215	2x30		2.900/73.660	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
↓	↓	↓	↓	↓	↓	NOTE 16,19
65863-216	2x30	LP	2.900/73.660	.150/ 3.81	120u"~200u"/3.04um~5.08um TIN/LEAD	NOTE 16,19

mat'l code		ISD 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ecm no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles	linear	0.2°	angles	XXXX.000/XXXX.013	MM	title	HEADER, QUICKIE
0.2°	linear	0.2°	angles	XXXX.000/XXXX.013	MM	title	SEA-HORSE, VERTICAL
dr	M. CORNMAN	8/21/90	dwg no	sheet 8 of 23 size	Amphenol FCI	65863	Product Customer Drawing
enrg	M. SMYK	8/21/90	enrg	M. SMYK	8/21/90	enrg	M. SMYK
chr	M. SMYK	8/21/90	chr	M. SMYK	8/21/90	chr	M. SMYK
ppd	M. SMYK	8/21/90	ppd	M. SMYK	8/21/90	ppd	M. SMYK
sheet	revision	sheet	revision	sheet	revision	sheet	revision

6 5 4 3 2 1 1 2 3 4 5 6

D C B A



PRODUCT NO NOTES 12,13	SIZE	LATCH NOTE B	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-217	2x30	LP	2.900/73,660	.675/17,15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
↓					120u"~200u"/3.04um~5.08umTIN/LEAD	D
218	2x30		2.900/73,660	.675/17,15		A
219	2x5		.400/10,160	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
220	2x7		.600/15,240			C
221	2x8		.700/17,780			D
222	2x10		.900/22,860			↓
223	2x13		1.200/30,480			
224	2x17		1.600/40,640			
225	2x20		1.900/48,260			
226	2x25		2.400/60,960			
227	2x30		2.900/73,660	.105/ 2.67		↑
228	2x20		1.900/48,260	.150/ 3.81		D
229	2x5		.400/10,160			A
230	2x7		.600/15,240			C
231	2x8		.700/17,780			D
232	2x10		.900/22,860			↓
233	2x13		1.200/30,480			
234	2x17		1.600/40,640			
235	2x20		1.900/48,260			
236	2x25		2.400/60,960			↑
237	2x30		2.900/73,660	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
238	2x5		.400/10,160	.675/17,15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	A
239	2x7		.600/15,240			C
240	2x8		.700/17,780			D
241	2x10		.900/22,860			↓
242	2x13		1.200/30,480			
243	2x17		1.600/40,640			
244	2x20		1.900/48,260			
245	2x25		2.400/60,960			↑
246	2x30	LP	2.900/73,660	.675/17,15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D
247	2x5	NO	.400/10,160	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
248	2x7		.600/15,240			C
249	2x8		.700/17,780			D
250	2x10		.900/22,860			D
251	2x13		1.200/30,480			D
65863-252	2x17	NO	1.600/40,640	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D

NOTE 16,19

mat'l code		ISD 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles	linear	XXXX.000/XXXX.013	XXXX.01/XXXX.03	XXXX.000/XXXX.013	MM	headers, QUICKIE	
0.2°				XXXX.000/XXXX.051	Scale 1:1	dwg no	sheet 9 of 23size
dr	M. CORNMAN	8/21/90				65863	Product Customer Drawing
engr	M. SMYK	8/21/90					
chr	M. SMYK	8/21/90					
ppd	M. SMYK	8/21/90					
sheet							
revision							
index							
sheet							

PRODUCT NO NOTE 12.13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-253	2x20	NO	1.900/48.260	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-254	2x25		2.400/60.960	.105/ 2.67		D
-255	2x30		2.900/73.660	.105/ 2.67		D
-256	2x5		.400/10.160	.675/17.15		A
-257	2x7		.600/15.240			C
-258	2x8		.700/17.780			D
-259	2x10		.900/22.860			D
-260	2x13		1.200/30.480			D
-261	2x17		1.600/40.640			D
-262	2x20		1.900/48.260			D
-263	2x25		2.400/60.960			D
-264	2x30	NO	2.900/73.660	.675/17.15		D
-265	2x5	STD	.400/10.160	.105/ 2.67		A
-266	2x7		.600/15.240			C
-267	2x8		.700/17.780			D
-268	2x10		.900/22.860			D
-269	2x13		1.200/30.480			D
-270	2x17		1.600/40.640			D
-271	2x20		1.900/48.260			D
-272	2x25		2.400/60.960			D
-273	2x30		2.900/73.660	.105/ 2.67		D
-274	2x5		.400/10.160	.675/17.15		A
-275	2x7		.600/15.240			C
-276	2x8		.700/17.780			D
-277	2x10		.900/22.860			D
-278	2x13		1.200/30.480			D
-279	2x17		1.600/40.640			D
-280	2x20		1.900/48.260			D
-281	2x25		2.400/60.960			D
-282	2x30	STD	2.900/73.660	.675/17.15		D
-283	2x5	LP	.400/10.160	.105/ 2.67		A
-284	2x7		.600/15.240			C
-285	2x8		.700/17.780			D
-286	2x10		.900/22.860			D
-287	2x13		1.200/30.480			D
65863-288	2x17	LP	1.600/40.640	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D

mat'l code		ISD 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles	linear	0±.2°	XXXX.000/XXXX.051	XXXX.000/XXXX.013	MM	SEA-HORSE, VERTICAL	HEADER, QUICKIE
dr	M. CORNMAN	8/21/90	sheet	revision	dwg no	sheet10 of 23size	65863
engr	M. SMYK	8/21/90	chr	M. SMYK	8/21/90	type	Product Customer Drawing
ppd	M. SMYK	8/21/90	index	sheet			

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PRODUCT NO NOTE 12.13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-289	2x20	LP	1.900/48.260	.105 / 2.67	30°/.076U MIN (NOTE 17) OVER 50°/.127U NI!	D
-290	2x25		2.400/60.960	.105 / 2.67		D
-291	2x30		2.900/73.660	.105 / 2.67		D
-292	2x5		.400/10.160	.675/17.15		A
-293	2x7		.600/15.240			C
-294	2x8		.700/17.780			D
-295	2x10		.900/22.860			D
-296	2x13		1.200/30.480			D
-297	2x17		1.600/40.640			D
-298	2x20		1.900/48.260			D
-299	2x25		2.400/60.960			D
-300	2x30	LP	2.900/73.660	.675/17.15	30°/.076U MIN (NOTE 17) OVER 50°/.127U NI!	D
-301	2x5	NO	.400/10.160	.105 / 2.67	15°/.038U MIN (NOTE 17) OVER 50°/.127U NI!	A
-302	2x7		.600/15.240			C
-303	2x8		.700/17.780			D
-304	2x10		.900/22.860			D
-305	2x13		1.200/30.480			D
-306	2x17		1.600/40.640			D
-307	2x20		1.900/48.260			D
-308	2x25		2.400/60.960			D
-309	2x30		2.900/73.660	.105 / 2.67		D
-310	2x5		.400/10.160	.150 / 3.81		A
-311	2x7		.600/15.240			C
-312	2x8		.700/17.780			D
-313	2x10		.900/22.860			D
-314	2x13		1.200/30.480			D
-315	2x17		1.600/40.640			D
-316	2x20		1.900/48.260			D
-317	2x25		2.400/60.960			D
-318	2x30	NO	2.900/73.660	.150 / 3.81		D
-319	2x5	STD	.400/10.160	.105 / 2.67		A
-320	2x7		.600/15.240			C
-321	2x8		.700/17.780			D
-322	2x10		.900/22.860			D
-323	2x13		1.200/30.480			D
65863-324	2x17	STD	1.600/40.640	.105 / 2.67	15°/.038U MIN (NOTE 17) OVER 50°/.127U NI!	D

mat'l code			surface			ISD 1302			tolerance			ISD 406 ISD 1101			projection			product family			QUICKIE		
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	XXXXX.XXXX XXXXX.XXXX XXXXX.XXXX	XXXXX.XXXX XXXXX.XXXX XXXXX.XXXX	XXXXX.XXXX XXXXX.XXXX XXXXX.XXXX	MM	title	SEA-HORSE, VERTICAL HEADER, QUICKIE	dwg no	65863	sheet 11 of 23 size	A3	type	Product Customer Drawing	revision	sheet	index	sheet	
					0°±2°																		

PRODUCT NO NOTE 12.13	SIZE	LAICH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-325	2x20	STD	1.900/48.260	.105/ 2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-326	2x25	↓	2.400/60.960	.105/ 2.67		D
-327	2x30	↓	2.900/73.660	.105/ 2.67		D
-328	2x5	↓	.400/10.160	.150/ 3.81		A
-329	2x7	↓	.600/15.240			C
-330	2x8	↓	.700/17.780			D
-331	2x10	↓	.900/22.860			D
-332	2x13	↓	1.200/30.480			D
-333	2x17	↓	1.600/40.640			D
-334	2x20	↓	1.900/48.260			D
-335	2x25	↓	2.400/60.960			D
-336	2x30	↓	2.900/73.660	.150/ 3.81		D
-337	2x5	LP	.400/10.160	.105/ 2.67		A
-338	2x7	↓	.600/15.240			C
-339	2x8	↓	.700/17.780			D
-340	2x10	↓	.900/22.860			D
-341	2x13	↓	1.200/30.480			D
-342	2x17	↓	1.600/40.640			D
-343	2x20	↓	1.900/48.260			D
-344	2x25	↓	2.400/60.960			D
-345	2x30	↓	2.900/73.660	.105/ 2.67		D
-346	2x5	↓	.400/10.160	.150/ 3.81		A
-347	2x7	↓	.600/15.240			C
-348	2x8	↓	.700/17.780			D
-349	2x10	↓	.900/22.860			D
-350	2x13	↓	1.200/30.480			D
-351	2x17	↓	1.600/40.640			D
-352	2x20	↓	1.900/48.260			D
-353	2x25	↓	2.400/60.960			D
-354	2x30	LP	2.900/73.660	.150/ 3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-355	2x5	NO	.400/10.160	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	B
-356	↓	NO	↓	↓	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-357	↓	NO	↓	↓	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-358	↓	NO	↓	↓	120u"~200u"/3.04um~5.08umTIN/LEAD	↓
-359	↓	STD	↓	↓	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
65863-360	2x5	STD	400/10.160	.105/ 2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	B

NOTE 16.19

mat'l. code		ISD 1302	surface tolerance	ISD 406	tolerance	ISD 1101	projection	product family	QUICKIE
l'tr	ecn no	dr	date	tolerances unless otherwise specified	XXF.01/XXF.03	XXF.005/XXF.013	MM	title	SEA-HORSE, VERTICAL
BG				angles	linear	XXXXF.0020 XXXF.0051	MM	dwg no	65863
				0±.2°			scale 1: 1	sheet no	12 of 23
				dr	M. CORNMANN	8/21/90		type	Product Customer Drawing
				engr	M. SMYK	8/21/90			
				chr	M. SMYK	8/21/90			
				appd	M. SMYK	8/21/90			
sheet	revision								
index									

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PDS: Rev: BG

STATUS:Released

Printed: Jan 23, 2017

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PRODUCT NO NOTE 12.13	SIZE	NOTE 8 DIM B	DIM D	TERMINAL PLATING	STYLE
65863-361	2x5	↓	.400/10.160	.105/ 2.67	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
↓	↓	↓	↓	↓	↓
362	STD	↓	↓	↓	120u-200u"/3.04u-5.08u TTN/LEAD
363	LP	↓	↓	↓	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
364	LP	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
365	LP	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
366	LP	↑	↑	↑	120u-200u"/3.04u-5.08u TTN/LEAD
367	NO	↑	↑	↑	.150/ 3.81
368	NO	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
369	NO	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
370	NO	↑	↑	↑	120u-200u"/3.04u-5.08u TTN/LEAD
371	STD	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
372	STD	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
373	STD	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
374	STD	↑	↑	↑	120u-200u"/3.04u-5.08u TTN/LEAD
375	LP	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
376	LP	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
377	LP	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
378	LP	↑	↑	↑	.150/ 3.81
379	NO	↑	↑	↑	.675/17.15
380	NO	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
381	NO	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
382	NO	↑	↑	↑	120u-200u"/3.04u-5.08u TTN/LEAD
383	STD	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
384	STD	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
385	STD	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
386	STD	↑	↑	↑	120u-200u"/3.04u-5.08u TTN/LEAD
387	LP	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
388	LP	↑	↑	↑	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
389	LP	↑	↑	↑	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
390	2x5	↑	.400/10.160	.675/17.15	120u-200u"/3.04u-5.08u TTN/LEAD
391	STD	↑	.800/20.320	.105/ 2.67	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
392	NO	↑	.800/20.320	.105/ 2.67	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
393	2x9	↑	.800/20.320	.105/ 2.67	300"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI
394	2x5	↑	.400/10.160	.105/ 2.67	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI
65863-395	2x5	↑	.400/10.160	.105/ 2.67	150"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI

mat'l code		ISO 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles	linear	XX4.01/XX4.03	XX4.01/XX4.03	XX4.005/XX4.013	MM	HEADER, QUICKIE	
0°±2°				XXXX4.0020 XXX4.0051	Scale 1: 1	dwg no	65863
dr	M. CORNMANN	8/21/90				sheet13 of 23size	A3
engr	M. SMYK	8/21/90					
chr	M. SMYK	8/21/90					
ppd	M. SMYK	8/21/90					
sheet	revision					type	Product Customer Drawing
index	sheet						

PRODUCT NO	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-396	2x5	LP	.400/10.160	.105/2.67	150"/0.380 MIN (NOTE 17) OVER 500"/1.270 IN	A
-397	NO			.150/3.81		A
-398	STD			.150/3.81		A
-399	LP			.150/3.81		A
-400	NO			.105/2.67		B
-401	STD			.105/2.67		
-402	LP			.105/2.67		
-403	NO			.150/3.81		
-404	STD			.150/3.81		
-405	LP		.400/10.160	.150/3.81		B
-406	NO		.600/15.240	.105/2.67		C
-407	STD			.105/2.67		
-408	LP			.105/2.67		
-409	NO			.150/3.81		
-410	STD			.150/3.81		C
-411	LP		.600/15.240	.150/3.81		D
-412	2x8	NO	.700/17.780	.105/2.67		
-413	STD			.105/2.67		
-414	LP			.105/2.67		
-415	NO			.150/3.81		
-416	STD			.150/3.81		
-417	LP		.700/17.780	.150/3.81		
-418	NO		.900/22.860	.105/2.67		
-419	STD			.105/2.67		
-420	LP			.105/2.67		
-421	NO			.150/3.81		
-422	STD			.150/3.81		
-423	LP		.900/22.860	.150/3.81		
-424	NO		1.200/30.480	.105/2.67		
-425	STD			.105/2.67		
-426	LP			.105/2.67		
-427	NO			.150/3.81		
-428	STD			.150/3.81		
-429	LP		1.200/30.480	.150/3.81		
65863-430	2x17	NO	1.600/40.640	.105/2.67	150"/0.380 MIN (NOTE 17) OVER 500"/1.270 IN	D

mat'l code		ISD 1302	tolerance	ISO 406	ISO 1101	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	SEA-HORSE, VERTICAL
angles	linear	XXF.01/XXF.03	XXF.005/XXF.013	XXF.005/XXF.013	XXF.005/XXF.013	MM	HEADER, QUICKIE	
0±.2°				XXXXF.0020	XXXXF.0051	scale 1:1	dwg no	
dr	M. CORNMAN	8/21/90	sheet	revision	sheet	index	type	
engr	M. SMYK	8/21/90	chr	M. SMYK	8/21/90	ppd	M. SMYK	
chr	M. SMYK	8/21/90	engr	M. SMYK	8/21/90	ppd	M. SMYK	
ppd	M. SMYK	8/21/90	chr	M. SMYK	8/21/90	ppd	M. SMYK	

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mat'l code		ISD 1302		surface		tolerance		projection		product family	
trn ecn no		dr		date		tolerances unless otherwise specified				QUICKIE	
BG		angles		linear		.XXXX.000 .XXXX.051 .XXXX.005/.XXXX.013 .XXF.01/.XXF.03		MM		title	
		0°±						SEA-HORSE, VERTICAL		HEADER, QUICKIE	
		dr		M. CORNMAN		8/21/90		dwg no		sheet15 of 23size	
		enrg		M. SMYK		8/21/90		65863		type Product Customer Drawing	
		chr		M. SMYK		8/21/90		A3			
		ppd		M. SMYK		8/21/90					
sheet revision		sheet		index		sheet					

PRODUCT NO NOTES 12,13	SIZE	NOTE 8	DIM B	DIM D	TERMINAL PLATING	PIN STYLE	D	NONE
65863-431	2x17	STD	1.600/40.640	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI		D	NONE
-432		LP		.105/2.67				
-433		NO		.150/3.81				
-434		STD		.150/3.81				
-435	2x17	LP	1.600/40.640	.150/3.81				
-436		NO	1.900/48.260	.105/2.67				
-437		STD		.105/2.67				
-438		LP		.105/2.67				
-439		NO		.150/3.81				
-440		STD		.150/3.81				
-441	2x20	LP	1.900/48.260	.150/3.81				
-442		NO	2.400/60.960	.105/2.67				
-443		STD		.105/2.67				
-444		LP		.105/2.67				
-445		NO		.150/3.81				
-446		STD		.150/3.81				
-447	2x25	LP	2.400/60.960	.150/3.81				
-448		NO	2.900/73.660	.105/2.67				
-449		STD		.105/2.67				
-450		LP		.105/2.67				
-451		NO		.150/3.81				
-452		STD		.150/3.81				
-453	2x30	LP	2.900/73.660	.150/3.81				
-454		NO	1.100/27.940	.105/2.67				
-455	2x12	STD						
-456	2x12	LP						
-456S	2x12	LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI			NOTE 18
-457	2x12	NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI			
-458		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI			
-459		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI			
-460		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI			
-461		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI			
-462		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI			
-463		NO			120u"-200u"/3.04u-5.08uTN/LEAD			NOTE 16,19
-464		STD			120u"-200u"/3.04u-5.08uTN/LEAD			NOTE 16,19
65863-465	2x12	LP	1.100/27.940	.105/2.67	120u"-200u"/3.04u-5.08uTN/LEAD		D	NONE

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PRODUCT NO	SIZE	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-466	2x12	1.100/27.940	.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-467	STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-468	LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-469	NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-470	STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-471	LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-472	NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-473	STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-474	LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-475	NO			120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-476	STD			120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-477	LP		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-478	NO		.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-479	STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-480	LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-481	NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-482	STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-483	LP		.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-484	NO		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-485	STD		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-486	LP		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-487	NO		.675/17.15	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-488	STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-489	LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-490	NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-491	STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-492	LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-493	NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-494	STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-495	LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-496	NO			120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-497	STD			120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-498	LP		.675/17.15	120u-200u"/3.04u-5.08u TIN/LEAD	
-499	NO		.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
65863-500	2x15	1.400/35.560	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	

mat'l code	ISD 1302	tolerance	ISH 406	ISH 1101	tolerance unless otherwise specified	projection	product family	QUICKIE
ltr ecn no	dr	date	tolerances unless otherwise specified	angles	linear	MM	title	SEA-HORSE, VERTICAL
sheet	revision	index	sheet	revision	index	sheet	revision	index



PRODUCT NO	SIZE	LAUNCH NOTE	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-501	2x15	8	1.400/35.560	1.05/2.67	150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	D
-502					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-503					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-504					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-505					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-506					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-507					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-508					1200-2000"/3.040-5.080 TN/LEAD	NOTE 16,19
-509					1200-2000"/3.040-5.080 TN/LEAD	NOTE 16,19
-510					1200-2000"/3.040-5.080 TN/LEAD	NOTE 16,19
-511					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-512					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-513					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-514					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-515					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-516					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-517					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-518					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-519					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-520					1200-2000"/3.040-5.080 TN/LEAD	NOTE 16,19
-521					1200-2000"/3.040-5.080 TN/LEAD	NOTE 16,19
-522					1200-2000"/3.040-5.080 TN/LEAD	NOTE 16,19
-523					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-524					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-525					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-526					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-527					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-528					300"/0.760 MIN (NOTE 17) OVER 500"/1.270 NI	
-529					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-530					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-531					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-532					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-533					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
-534					150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	
65863-535	2x15		1.400/35.560	1.05/2.67	150"/0.380 MIN (NOTE 17) OVER 500"/1.270 NI	D

mat'l code	ISD 1302	surface tolerance	ISD 406	tolerance	ISH 1101	projection	product family	QUICKIE
ltr ecn no	dr	date	tolerances unless otherwise specified	angles	linear	MM	title	SEA-HORSE, VERTICAL
sheet	revision	index	sheet	revision	index	sheet	revision	index

status:Released Printed: Jan 23, 2017 PDS: Rev: BG

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PRODUCT NO	NOTE 12.13	SIZE	NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-536		2x15		1,400/35,560	.675/17.15	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
537						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
538						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
539						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
540						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
541						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
542						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
543		2x15		1,400/35,560	.675/17.15	120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
544		2x22		2,100/53,340	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
545						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
546						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
547						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
548						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
549						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
550						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
551						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
552						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
553						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
554						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
555						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
556						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16,19
557						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
558						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
559						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
560						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
561						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
562						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
563						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
564						30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
565						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
566						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
567						120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
568						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
569						15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
65863-570		2x22		2,100/53,340	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D

mat'l code	ISD 1302	surface tolerance	ISD 406	tolerance	ISH 1101	projection	product family	QUICKIE
ltr ecn no	dr	date	tolerances unless otherwise specified	angles	linear	MM	title	SEA-HORSE, VERTICAL
sheet	revision	sheet	index	sheet	revision	index	sheet	revision

PRODUCT NO NOTE 12.13	SIZE	LATCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-571	2x22	NO	2.100/53.340	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-572		STD		.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-573		LP		.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-574		NO		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-575		STD		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-576		LP		.150/3.81	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-577		NO	.675/17.15		15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-578		STD			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-579		LP			15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-580		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-581		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-582		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-583		NO			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-584		STD			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-585		LP			30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-586		NO			120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-587		STD			120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-588	2x22	LP	2.100/53.340	.675/17.15	120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16,19
-589	2x25	STD	2.400/60.960	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-590				.105/2.67		
-591				.150/3.81		
-592	2x25	NO	2.400/60.960		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-593	2x13	LP	1.200/30.480		50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-594	2x13	NO	1.200/30.480	.150/3.81		
-595	2x10	NO	.900/22.860	.150/3.81		
-596	2x10	STD	.900/22.860	.150/3.81		
-597	2x5	LP	.400/10.160	.150/3.81		
-598	2x5	NO	.400/10.160	.150/3.81		
-599	2x5	LP	.400/10.160	.675/17.15		
-600	2x5	NO	.400/10.160	.675/17.15	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-601	2x32	NO	3.100/78.740	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-602	2x32	STD	3.100/78.740	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
-603	2x32	LP	3.100/78.740	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	
65863-604	2x32	NO	3.100/78.740	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D

mat'l code		ISD 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles	linear	XXF.01/XXF.03	XXF.005/XXF.013	XXXXF.0020 XXXF.0051	MM	HEADER, QUICKIE	
0±.2°					scale 1:1	dwg no	65863
dr	M. CORNMANN	8/21/90			sheet	type	Product Customer Drawing
engr	M. SMYK	8/21/90			revision		
chr	M. SMYK	8/21/90			sheet		
ppd	M. SMYK	8/21/90			index		

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PRODUCT NO NOTE 12.13	SIZE	LAUNCH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-605	2X32	STD	3.100/78.740	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-606	↓	LP	↓	↓	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-607	↓	NO	↓	↓	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-608	↓	STD	↓	↓	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-609	↓	LP	↓	↓	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	↓
-610	↓	NO	↓	↓	120u-200u"/3.04u-5.08u TIN/LEAD	↓
-611	↓	STD	↓	↓	120u-200u"/3.04u-5.08u TIN/LEAD	↓
-612	2X32	LP	3.100/78.740	.105/2.67	120u-200u"/3.04u-5.08u TIN/LEAD	NOTE 16.19
-613	2X20	NO	1.900/48.260	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	NOTE 16.19
-614	2X20	STD	1.900/48.260	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-615	2X25	NO	2.400/60.960	.450/11.43	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-616	2X17	NO	1.600/40.640	.150/3.81	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-618	2X17	STD	1.600/40.640	.150/3.81	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-619	2X17	LP	1.600/40.640	.150/3.81	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-620	2X32	STD	3.100/78.740	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-621	2X32	NO	3.100/78.740			
-622	2X15	STD	1.400/35.560			
-623	2X15	NO	1.400/35.560			
-624	2X22	STD	2.100/53.340			
-625	2X22	NO	2.100/53.340	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-626	2X25	NO	2.400/60.960	.150/3.81	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-627	2X25	STD	2.400/60.960			
-628	2X25	LP	2.400/60.960			
-629	2X20	NO	1.900/48.260			
-630	2X20	STD	1.900/48.260			
-631	2X20	LP	1.900/48.260	.150/3.81	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	
-632	2X20	STD	1.900/48.260	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	
-633	2X8	STD	.700/17.78	.150/3.81	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-634	2X7	NO	.600/15.24	.236/5.99	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	C
-635	2X5	STD	.400/10.16	.520/13.21	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A
-636	2X8	NO	.700/17.78	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-637	2X8	STD	.700/17.78	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
-638	2X10	NO	.800/20.32	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D
65863-639	2X10	STD	.800/20.32	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D

CUSTOMER SPECIAL

NOTE 16.19

mat'l code	ISD 1302	surface tolerance	ISO 406	ISO 1101	projection	product family	QUICKIE
ltr ecn no	dr	date	tolerances unless otherwise specified	XXF.01/XXF.03	MM	title	SEA-HORSE, VERTICAL
angles	linear	0±.2°	XXXXF.0020 XXXXF.0051	XXXXF.005/XXXXF.013	MM	dwg no	65863
sheet	revision	sheet	index	sheet	revision	type	Product Customer Drawing

PRODUCT NO	SIZE	LATCH	DIM B	DIM D	TERMINAL PLATING	STYLE	PIN MISSING
65863-640	2x12	NO	1.100/ 27.94	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	NONE
-641	2x12	STD	1.100/ 27.94				
-642	2x15	NO	1.400/ 35.56				
-643	2x15	STD	1.400/ 35.56				
-644	2x30	NO	2.900/ 73.66				
-645	2x30	STD	2.900/ 73.66				
-646	2x25	STD	2.400/ 60.96				
-647	2x5	STD	.400/ 10.16				
-648	2x7	STD	.600/ 15.24				
-649	2x13	STD	1.120/ 30.48				
-650	2x17	STD	1.600/ 40.64				
-651	2x5	NO	.400/ 10.16				
-652	2x7	NO	.600/ 15.24				
-653	2x13	NO	1.120/ 30.48				
-654	2x17	NO	1.600/ 40.64	.150/3.81			
-655	2x5	STD	.400/ 10.16	.175/4.45			
-656	2x7		.600/ 15.24				
-657	2x13		1.120/ 30.48				
-658	2x17	STD	1.600/ 40.64	.175/4.45			
-659	2x5	NO	.400/ 10.16	.250/6.35			
-660	2x7	LP	.600/ 15.24	.236/5.99	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	C	NONE
-715	2x8	LP	.700/ 17.78	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-716	2x8	LP	.700/ 17.78	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-717	2x20	LP	1.900/48.26	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-717S	2x20	LP	1.900/48.26	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-733	2x17	LP	1.600/ 40.14	.105/2.67	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-734	2x17	STD	1.600/ 40.64	.105/2.67	50u"/1.27u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-735	2x10	LP	.900/ 22.86	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-736	2x10	LP	.900/ 22.86		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-737	2x5	LP	.400/ 10.16		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	A	
-738	2x20	LP	1.900/48.26		30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	
-739	2x25	LP	2.400/60.96				
-740	2x12	LP	1.100/ 27.94				
-741	2x17	LP	1.600/ 40.64				
-741S	2x17	LP	1.600/ 40.64				
-742	2x5	LP	.400/ 10.16				
65863-743	2x17	LP	1.600/ 40.64	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	

NOTE 18

NOTE 18

mat'l code		ISD 1302	surface	tolerance	ISH 406	ISH 1101	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	MM	title	SEA-HORSE, VERTICAL
BG					0±.2°	XXXX.000 XXXX.051	MM		
sheet	revision	sheet	revision				scale 1: 1	dwg no	65863
								type	Product Customer Drawing

6 5 4 3 2 1 6 5 4 3 2 1

D C B A

PRODUCT NO	NOTE 12.13	SIZE	LAICH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE	MISSING PIN
65863-744		2x17	LP	1.600/ 40.64	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	3, 5
65863-744S		2x17	LP	1.600/ 40.64	.150/3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	3, 5
65863-843		2x5	N/A	.400/ 10.16	.120/3.05	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	A	
844		2x7		.600/ 15.24	.600/ 15.24		C	
845		2x10		.900/ 22.86	.900/ 22.86		D	
846		2x15		1.400/ 35.56	1.400/ 35.56			
847		2x17		1.600/ 40.64	1.600/ 40.64			
848		2X20		1.900/ 48.26	1.900/ 48.26			
849		2X25		2.400/ 60.96	2.400/ 60.96			
850		2x30	N/A	2.900/ 73.66	2.900/ 73.66		D	
851		2x5	STD	.400/ 10.16	.400/ 10.16		A	
852		2x7		.600/ 15.24	.600/ 15.24		C	
853		2x10		.900/ 22.86	.900/ 22.86		D	
854		2x15		1.400/ 35.56	1.400/ 35.56			
855		2x17		1.600/ 40.64	1.600/ 40.64			
856		2X20		1.900/ 48.26	1.900/ 48.26			
857		2X25		2.400/ 60.96	2.400/ 60.96			
858		2x30	STD	2.900/ 73.66	2.900/ 73.66		D	
859		2x5	L/P	.400/ 10.16	.400/ 10.16		A	
860		2x7		.600/ 15.24	.600/ 15.24		C	
861		2x10		.900/ 22.86	.900/ 22.86		D	
861S		2x10		.900/ 22.86	.900/ 22.86		D	
862		2x15		1.400/ 35.56	1.400/ 35.56			
863		2x17		1.600/ 40.64	1.600/ 40.64			
864		2X20		1.900/ 48.26	1.900/ 48.26			
865		2X25		2.400/ 60.96	2.400/ 60.96			
65863-866		2x30	L/P	2.900/ 73.66	.120/3.05			
65863-867S		2x12	L/P	1.100/ 27.94	.105/2.67	15u"/0.38u MIN (NOTE 17) OVER 50u"/1.27u NI	D	24
65863-868S		2x12	L/P	1.100/ 27.94	.105/2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI	D	24

mat'l code		ISD 1302	surface	tolerance	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified	MM	title	SEA-HORSE, VERTICAL
angles	linear	XXXX.000/XXXX.013	XXXX.01/XXXX.03	XXXX.000/XXXX.013	MM	HEADER, QUICKIE	
0±.2°				XXXX.000/XXXX.051	scale 1: 1	dwg no	65863
dr	M. CORNMAN	8/21/90				sheet 22 of 23 size	A3
engr	M. SMYK	8/21/90				Amphenol FCI	
chr	M. SMYK	8/21/90				type Product Customer Drawing	
ppd	M. SMYK	8/21/90				revision	
sheet						index	

6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1

PRODUCT NO	SIZE	LAICH NOTE 8	DIM B	DIM D	TERMINAL PLATING	STYLE
65863-049P	2x5	STD	.400/10.160	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	A
65863-055P	2x7	STD	.600/15.240	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	C
65863-061P	2x8	STD	.700/17.780	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-067P	2x10	STD	.900/22.860	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-073P	2x13	STD	1.200/30.480	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-079P	2x17	STD	1.600/40.640	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-085P	2x20	STD	1.900/48.260	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-091P	2x25	STD	2.400/60.960	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-203P	2x20	LP	1.900/48.260	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-079F	2x17	STD	1.600/40.640	.105/ 2.67	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D
65863-081F	2x17	STD	1.600/40.640	.150/ 3.81	30u"/0.76u MIN (NOTE 17) OVER 50u"/1.27u NI!	D

mat'l. code		ISD 1302	surface	tolerance	ISO 406	ISO 1101	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	SEA-HORSE, VERTICAL HEADER, QUICKIE
BG				angles	linear	MM			
				0±.2	XXXX.000/XXXX.051	XXXX.000/XXXX.013	scale 1: 1	dwg no	sheet23 of 23size
								Amphenol FCI	65863
								type Product Customer	Drawing
sheet	revision								
index	sheet								

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