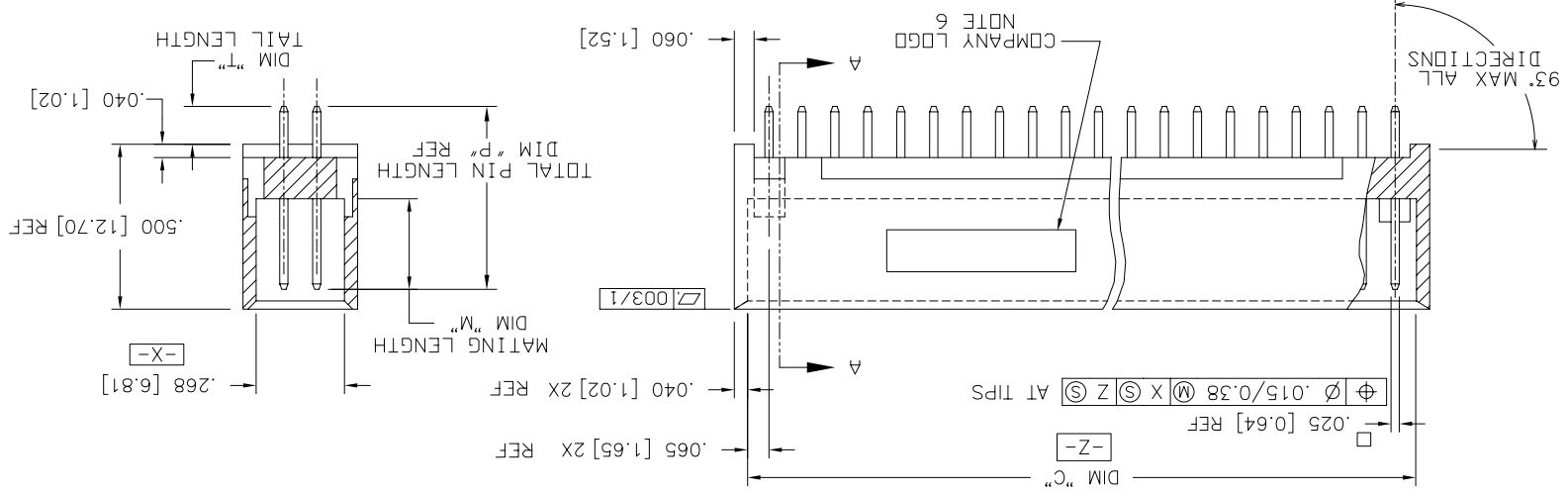


SECTION A-A



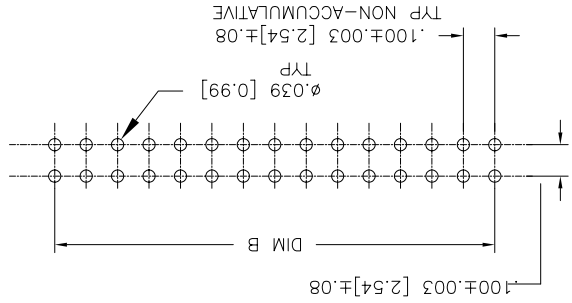
mat'l. code		ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	HEADERS
itr	ecn no	dr	date	tolerances unless otherwise specified	.XX±.01/.3	INCH/MM	title	
E	REDRAWN	RLS	11/21/88	lineart	.XXXX.005/.13	scale	VERTICAL STACKING 2-ROW HEADER	
F	REVISED	MRC	5/23/91	angles	0±.2	scale	500/12.70 W/O MOUNTING HOLES	
G	V13306	JWB	12/17/91	0±.2	XXXX.0020/.051	scale	2:1	
H	V50569	MDR	8/11/95	dr	M. FETROW	8/11/95	dwg no	69916
J	V71450	HTB	10/7/97	engr	L. FYE	8/11/95	sheet 1 of 4 size	A3
K	M05-0089	ERC	5/20/05	chr	T. BREWBAKER	8/11/95	type	Product Customer Drawing
L	M06-0289	ACS	7/29/06	appd	L. FYE	8/11/95	index	
sheet		revision	L	L	L	L	sheet	
4		1	2	3	4	5	6	

POSITION TABLE	
PRODUCT NO	SIZE
XXXXX-001	2X5
-002	2X6
-003	2X7
-004	2X8
-005	2X9
-006	2X10
-007	2X11
-008	2X12
-009	2X13
-010	2X14
-011	2X15
-012	2X16
-013	2X17
-014	2X18
-015	2X19
-016	2X20
-017	2X21
-018	2X22
-019	2X23
-020	2X24
-021	2X25
-022	2X26
-023	2X27
-024	2X28
-025	2X29
-026	2X30
-027	2X31
-028	2X32
-029	2X33
-030	2X34
-031	2X35
XXXXX-032	2X36

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form: A3

PART NUMBER INFORMATION
 XXXXX-XXX LF
 LEAD FREE OPTION
 SEE POSITION TABLE FOR SIZES NOTE 1
 BASE PART NO.



- NOTES
- SEE POSITION TABLE FOR PRODUCT NO AND SIZE TABULATION.
 - HOUSING DASH NO IS SAME AS HEADER DASH NO.
 - DIM B = (NO OF COLUMNS - 1) TIMES .100 (ENGLISH) (NO OF COLUMNS - 1) TIMES 2.54 (METRIC)
 - MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V-0. COLOR: BLACK, OXYGEN INDEX 36.
 - TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.
 - PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM PER PIN IN EITHER DIRECTION.
 - COMPANY LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.
 - 7.U/L/CSA APPROVED.
 - ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C 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 MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
 - PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	HEADERS
itr	ecn no	dr	date	tolerances unless otherwise specified	.XX±.01/.3	INCH/MM	scale 2:1
angles	lineart	.XXXX.005/.13	xxxxx.0020/.051	0±.2	dr	M. FETROW	8/11/95
					engr	L. FYE	8/11/95
					chr	T. BREWBAKER	8/11/95
sheet	revision	sheet	revision	sheet	revision	sheet	revision

product family	HEADERS	title	VERTICAL STACKING 2-ROW HEADERS	500/12.70 W/O MOUNTING HOLES	dwg no	69916	sheet 2 of 4 size	A3
type	Product	Customer	Drawing					

D
C
B
A

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PRODUCT NO	NOTE 8
69916-XXX	30u"/0.76u MIN Au OVER 50u"/1.27u NI.
69916-033	30u"/0.76u MIN Au OVER 50u"/1.27u NI.
69916-034	30u"/0.76u MIN Au OVER 50u"/1.27u NI.
86363-XXX	15u"/0.38u Pd Ni WITH GOLD FLASH
88809-021	30u"/0.76u MIN Au OVER 50u"/1.27u NI.

TERMINAL PLATING
NOTE 11

mat'l. code		surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	HEADERS
ltr	ecn no	dr	date	tolerances unless otherwise specified					
L			angles	linear	.XXX±.005/.13		INCH/MM		
			0±.2		xxxx±.0020/.051		scale 2:1		
		dr	M. FETROW	8/11/95				dwg no	69916
		engr	L. FYE	8/11/95				sheet 3 of 4 size	A3
		chr	T. BREWBAKER	8/11/95				type	Product Customer Drawing
		appd	L. FYE	8/11/95					
sheet	revision								
index	sheet								

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A B C D

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PRODUCT NO	NOTE 8	SIZE	DIM "B"	DIM "C"	DIM "L"	TAIL LENGTH DIM "T"	MATING LENGTH DIM "M"	TOTAL PIN LENGTH DIM "P"
69916-XXX	NOTE 1	2 x 8	.700/17.78	.83/21.1	.91/23.1	.148±.008 3.76±0.20	.275±.010 6.99±0.25	.555/14.10
69916-034	2 x 15	1.400/35.56	1.53/38.9	1.61/41.0	.148±.008 3.76±0.20	.275±.010 6.99±0.25	.585/14.86	
86363-XXX	NOTE 1	NOTE 2	+1.30/3.30	+1.30/3.30	+2.10/5.33	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.99±0.25	.555/14.10
88809-021	2 x 25	2.400/60.96	2.53/64.3	2.61/66.3	.130±.015 3.30±0.38	.290±.010 7.37±0.25	.585/14.86	

mat'l. code		ISO 1302	ISO 406 ISO 1101	tolerance	projection	product family	HEADERS
itr	ecn no	dr	date	tolerances unless otherwise specified			
L				angles	INCH/MM		
				linear .XXX±.005/.13	scale 2:1		
				0±.2			
				dr	M. FETROW	8/11/95	
				engr	L. FYE	8/11/95	
				chr	T. BREWBAKER	8/11/95	
				appd	L. FYE	8/11/95	
sheet	revision						
index							

title	product family	HEADERS
VERTICAL STACKING 2-ROW HEADERS		
.500/12.70 W/O MOUNTING HOLES		
scale 2:1		
dwg no	69916	
sheet4 of 4 size	A3	
type	Product Customer Drawing	

6 5 4 3 2 1

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