



POSITION TABLE	
PRODUCT NO	SIZE
XXXXXX-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
XXXXXX-032	2X36

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form: A3

NOTES

① SEE POSITION TABLE FOR PRODUCT NO AND SIZE TABULATION.  
 HOUSING DASH NO IS SAME AS HEADER DASH NO.

② DIM B =  
 (NO OF COLUMNS - 1) TIMES .100 (ENGLISH)  
 (NO OF COLUMNS - 1) TIMES 2.54 (METRIC)

③ MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V-0.  
 COLOR: BLACK, OXYGEN INDEX 36.

④ TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.  
 5. PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM.  
 PER PIN IN EITHER DIRECTION.

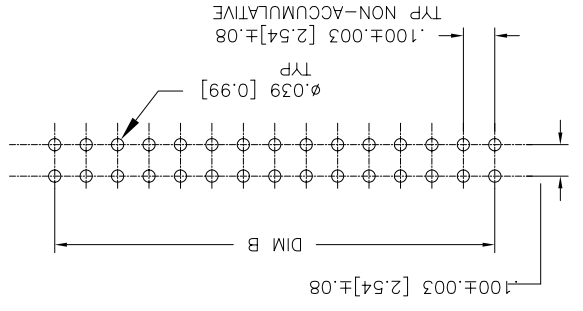
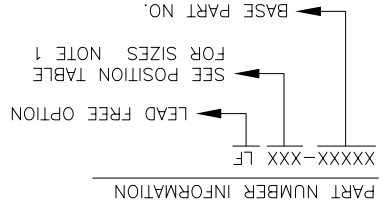
⑥ COMPANY LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.  
 7.UL/CSA APPROVED.

⑧ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

9. 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.

⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
 COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑪ PLATING OPTIONS:  
 MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



RECOMMENDED PC BOARD LAYOUT  
 SCALE 2/1

mat'l. code	ISO 1302	ISO 406	ISO 1101	tolerance	projection	product family	HEADERS
itr	ecn no	dr	date	tolerances unless otherwise specified	.XX±.01/.3	INCH/MM	title
L	angles	lineart	.XXXX.005/.13	xxxxx.0020/.051	scale 2:1	VERTICAL STACKING 2-ROW HEADER	
	0±.2	dr	M. FETROW	8/11/95	dwg no	sheet2 of 4 size	
	engr	L. FYE	8/11/95	enr	L. FYE	69916	
	chr	T. BREWBAKER	8/11/95	chr	T. BREWBAKER	8/11/95	
sheet	revision	sheet	revision	sheet	revision	type Product Customer Drawing	

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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	VERTICAL STACKING 2-ROW HEADERS		
			0±.2		.xxxx±.0020/.051		scale 2:1	.500/12.70 W/O MOUNTING HOLES		
		dr	M. FETROW	8/11/95			dwg no	sheet 3 of 4 size		
		engr	L. FYE	8/11/95			69916	A3		
		chr	T. BREWBAKER	8/11/95			FCI			
		appd	L. FYE	8/11/95			type	Product Customer Drawing		
sheet	revision									
index	sheet									

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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 1.30/3.30 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		surface tolerance		ISO 406 ISO 1101		projection		product family		HEADERS		
ltr	ecn	no	dr	date	tolerances unless otherwise specified		.XX±.01/.3		INCH/MM		title		VERTICAL STACKING 2-ROW HEADERS	
L					angles	linear	.XXXX.005/.13	scale 2:1	.500/12.70 W/O MOUNTING HOLES		sheet 4 of 4 size		69916	
					0±.2'	xxxxx.0020/.051			M. FETROW 8/11/95		dr		engr L. FYE 8/11/95	
									T. BREWBAKER 8/11/95		chr		appd L. FYE 8/11/95	
									sheet revision		index		sheet	

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