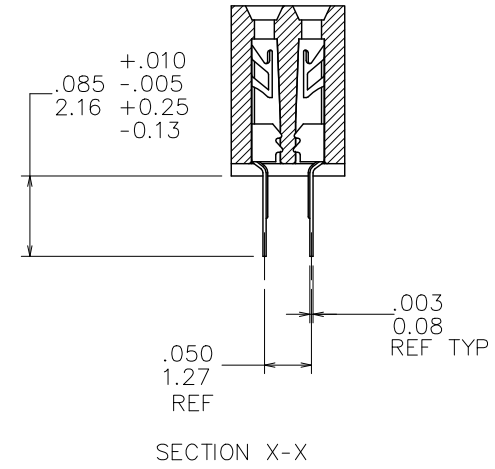
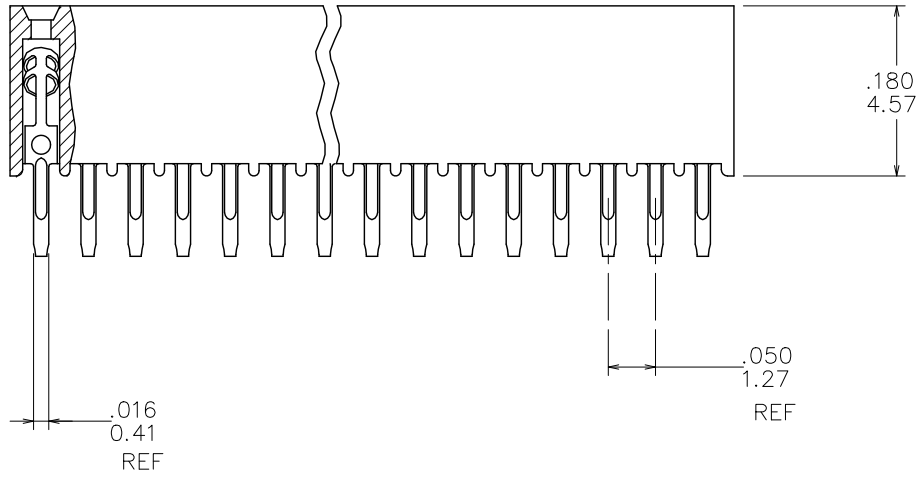
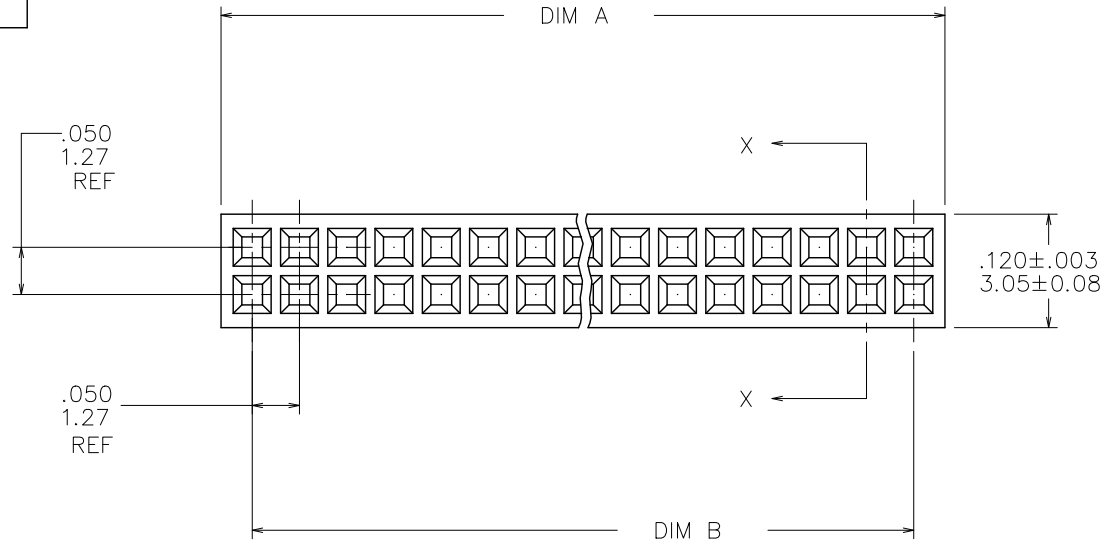


PRODUCT NUMBER
SEE TABLE



mat'l. code				surface		tolerance		projection		product family	
-				ISO 1302 ✓		ISO 406 ISO 1101				RIBCAGE	
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
H	V11674	CRG	6/22/01	angles	linear	.XX±.01/.XX±0.3		INCH/MM		.050/1.27 CC VERTICAL	
J	M05-0123	ERE	6/07/05			.XXX±.005/.XXX±0.13		scale 5:1		CARD CONNECTOR THRU MOUNT	
K	M06-0225	ERE	06/12/06	0°±2°		.XXXX±.0020/.XXX±0.051				dwg no	
L	M06-0370	MHT	9/26/06	dr	D. SHEAFFER	12/5/88				sheet 1 of 2 size	
M	M08-0162	MHT	6/04/08	engr	J. OSWALD	12/5/88				87011 A3	
N	N10-0174	YO	6/17/10	chr	J. OSWALD	12/5/88				type Product Customer Drawing	
P	ELX-N-010206	YO	2/8/12	appd	J. OSWALD	12/5/88					
sheet	revision	P	P								
index	sheet	1	2								

PRODUCT NO. NOTE 6	SIZE	DIM A	DIM B	PLATING
87011-605	2 X 5	.266/6.756	.200/5.08	NOTE 3
-610	2 X 10	.516/13.106	.450/11.43	
-615	2 X 15	.766/19.456	.700/17.78	
-620	2 X 20	1.016/25.806	.950/24.13	
-625	2 X 25	1.266/32.156	1.200/30.48	
-630	2 X 30	1.516/38.506	1.450/36.83	
-635	2 X 35	1.766/44.856	1.700/43.18	
-640	2 X 40	2.016/51.206	1.950/49.53	
-645	2 X 45	2.266/57.556	2.200/55.88	
-650	2 X 50	2.516/63.906	2.450/62.23	NOTE 3
-905	2 X 5	.266/6.756	.200/5.08	NOTE 5
-910	2 X 10	.516/13.106	.450/11.43	
-915	2 X 15	.766/19.456	.700/17.78	
-920	2 X 20	1.016/25.806	.950/24.13	
-925	2 X 25	1.266/32.156	1.200/30.48	
-930	2 X 30	1.516/38.506	1.450/36.83	
-935	2 X 35	1.766/44.856	1.700/43.18	
-940	2 X 40	2.016/51.206	1.950/49.53	
-945	2 X 45	2.266/57.556	2.200/55.88	
87011-950	2 X 50	2.516/63.906	2.450/62.23	NOTE 5

NOTES:

- HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL
- TERMINAL MATERIAL: BeCu
- TERMINAL PLATING:
30u"/.76um MIN HARD Au OR GXT OVER Ni ON CONTACT ZONES.
100u"/2.54um MIN Sn OVER 50u"/1.27um Ni. IN SOLDERING ZONES.
OTHERWISE GOLD FLASH OR UNPLATED
- APPLICATION INFORMATION:
A. RECOMMENDED PCB LAYOUT PATTERN IS SHOWN IN FIGURE A.
B. MATING PINS TO BE .0176/0.447 TO .0181/0.459 DIA.
C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .006/0.15 DIA.
D. SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/0.25.
- TERMINAL PLATING:
60u"/1.52um MIN HARD Au OVER Ni ON CONTACT ZONES.
100u"/2.54um MIN Sn OVER Ni ON SOLDER TAILS.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- IF P/N IS LF THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 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.
- PRODUCT SPECIFICATION PER BUS-12-087.

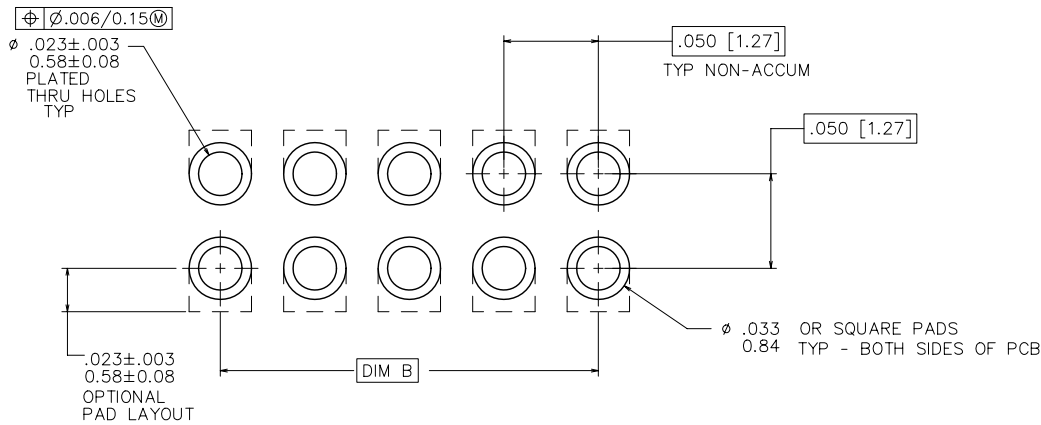


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101				RIBCAGE	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title	
P						angles linear $.XX \pm .01 / .XX \pm 0.3$ $.XXX \pm .005 / .XXX \pm 0.13$ $.XXXX \pm .0020 / .XXX \pm 0.051$		INCH/MM scale 5:1	
		dr		D. SHEAFFER		12/5/88		dwg no	
		enrg		J. OSWALD		12/5/88		sheet 2 of 2	
		chr		J. OSWALD		12/5/88		size	
		appd		J. OSWALD		12/5/88		87011	
								A3	
								type Product Customer Drawing	
sheet index	revision sheet								