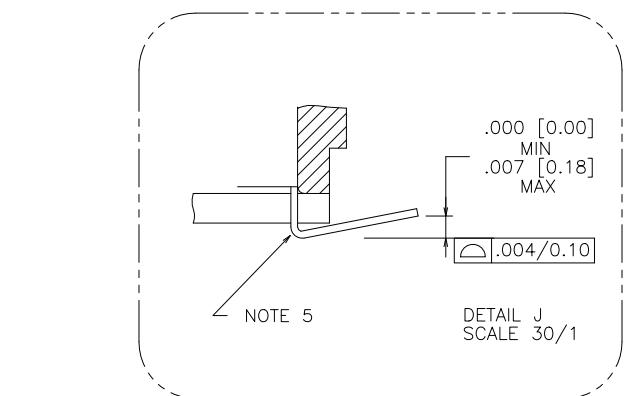
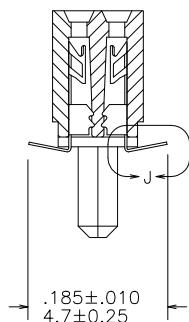
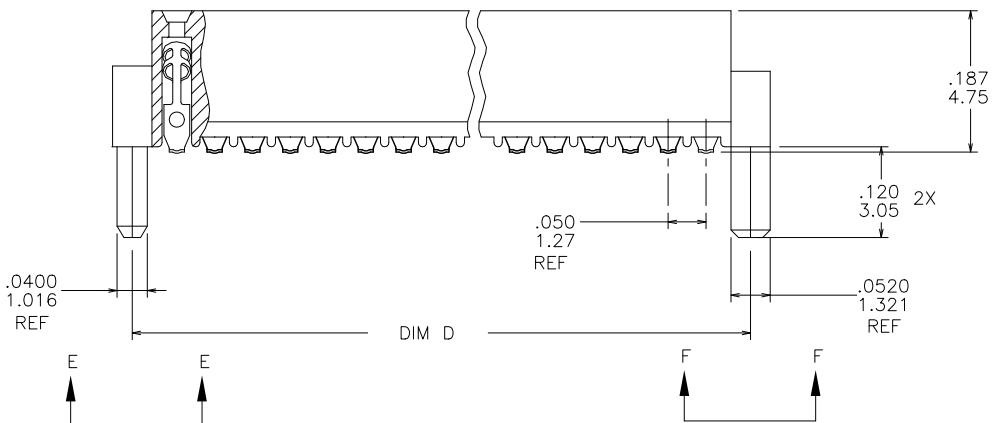
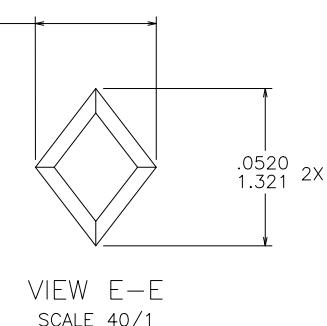
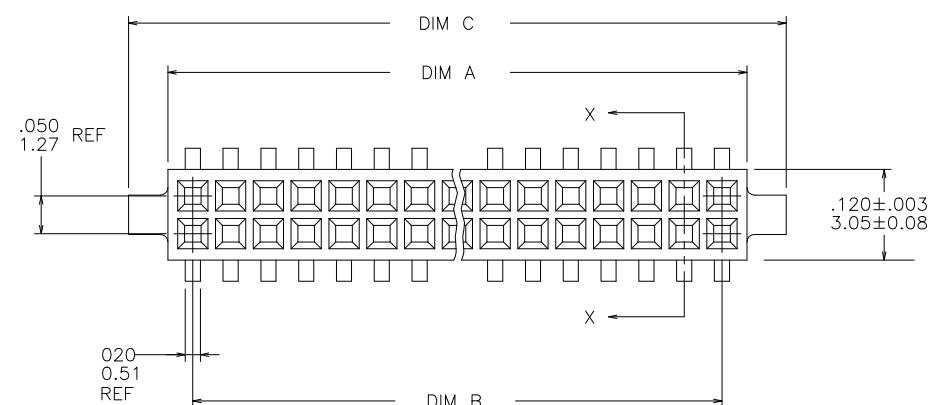


PRODUCT NUMBER

SEE TABLE



mat'l. code		surface		tolerance		projection	product family
-		ISO 1302 ✓		ISO 406 ISO 1101			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
M	V1094	DLW	3/9/01	xx±.01/0.3		INCH/MM	.050/1.27 CC V.C.C
N	V11674	CRG	6/22/01	xxx±.005/0.13			SMT. W/HOLD DOWN
P	M05-0123	ERE	6/10/05	0'±2'	xxxx±.0020/0.051	scale 4:1	
R	M06-0225	ERE	6/12/06	dr	M. CORNMAN	7/22/91	
S	M06-0370	MHT	9/26/06	engr	M. HAHN	7/22/91	
T	M09-0058	CMR	4/06/09	chr	M. HAHN	7/22/91	
U	ELX-N-010207	YO	2/8/12	appd	M. HAHN	7/22/91	
sheet		revision	U	U			dwg no
index		sheet	1	2			sheet 1 of 2 size
							87814 A3
							type Product Customer Drawing

PRODUCT NUMBER NOTE 6 & 7	SIZE	DIM A	DIM B	DIM C	DIM D
87814-605	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128
-610	2 X 10	.516/13.11	.450/11.43	.620/15.75	.5700/14.478
-615	2 X 15	.766/19.46	.700/17.78	.870/22.10	.8200/20.828
-620	2 X 20	1.016/25.81	.950/24.13	1.120/28.45	1.0700/27.178
-625	2 X 25	1.266/32.16	1.200/30.48	1.370/34.80	1.3200/33.528
-630	2 X 30	1.516/38.51	1.450/36.83	1.620/41.15	1.5700/39.878
-635	2 X 35	1.766/44.86	1.700/43.18	1.870/47.50	1.8200/46.228
-640	2 X 40	2.016/51.21	1.950/49.53	2.120/53.85	2.0700/52.578
-645	2 X 45	2.266/57.56	2.200/55.88	2.370/60.20	2.3200/58.928
87814-650	2 X 50	2.516/63.91	2.450/62.23	2.620/66.55	2.5700/65.278

NOTES:

- ① HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL
- ② TERMINAL MATERIAL: BeCu
- ③ TERMINAL PLATING:
30μ"/0.76μ MIN HARD GOLD OR GXT OVER Ni ON CONTACT ZONES.
100μ"/2.54μ MIN Sn OVER Ni IN SOLDERING ZONES.
OTHERWISE GOLD FLASH OR UNPLATED

4 APPLICATION INFORMATION:

- A. RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".
- B. MATING PINS TO BE .0176/.0447 TO .0181/.0459 THICK.
- C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .008/.020 DIA.
- D. SUGGESTED MATING PIN LENGTH .130/.330
±.010/.025.
- ⑤ LEAD TIPS TO BE ABOVE HEEL, UP TO .007/.018 MAX.
COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- 6. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN TUBE.
- ⑦ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- 10. PRODUCT SPECIFICATION PER BUS-12-087.

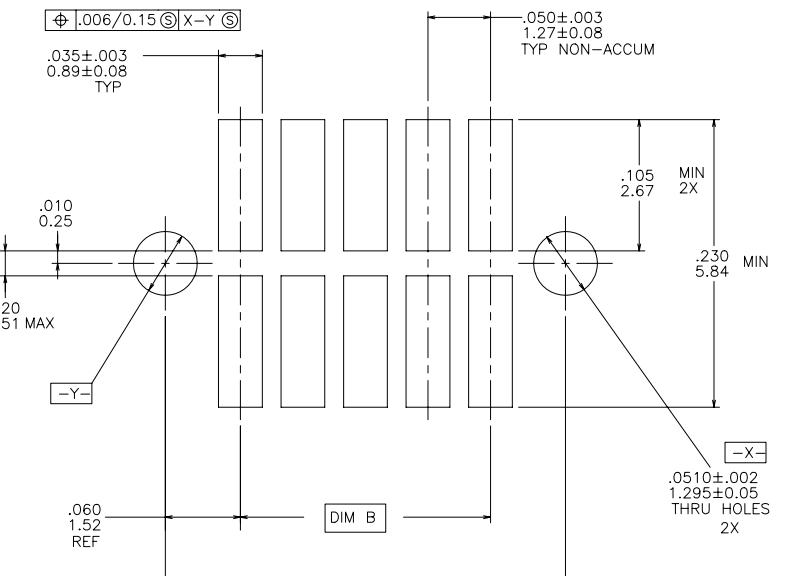


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

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nat'l. code -				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family RIBCAGE			
tr	ecn	no	dr	date	tolerances unless otherwise specified		title			
U					angles	.XX±.01/0.3	INCH/MM	.050/1.27 CC V.C.C		
					linear	.XXX±.005/0.13		SMT. W/HOLD DOWN		
					0°±2°	.XXX±.0020/0.051	scale 4:1			
					dr	M. CORNMAN 7/22/91	FCI	dwg no	sheet 2 of 2	size
					engr	M. HAHN 7/22/91		87814		
					chr	M. HAHN 7/22/91				A3
					appd	M. HAHN 7/22/91				
sheet	revision						type	Product	Customer	Drawing
index	sheet									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[87814-605](#) [87814-640](#) [87814-645](#) [87814-605LF](#) [87814-615](#) [87814-610LF](#)