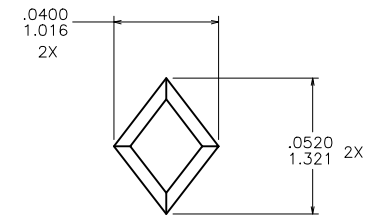
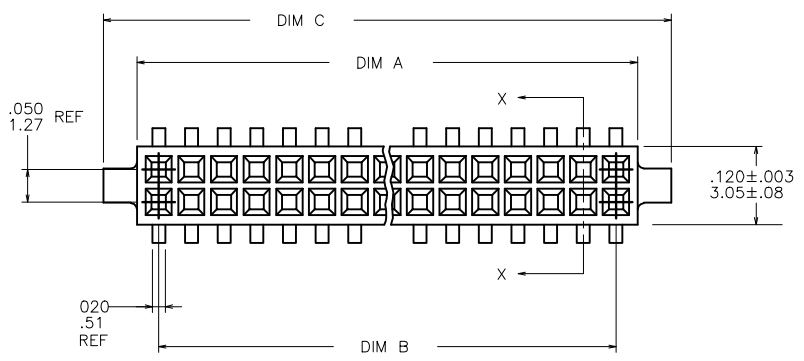
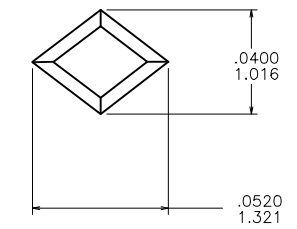


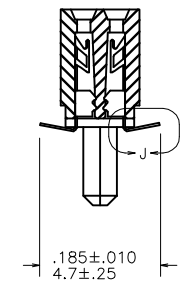
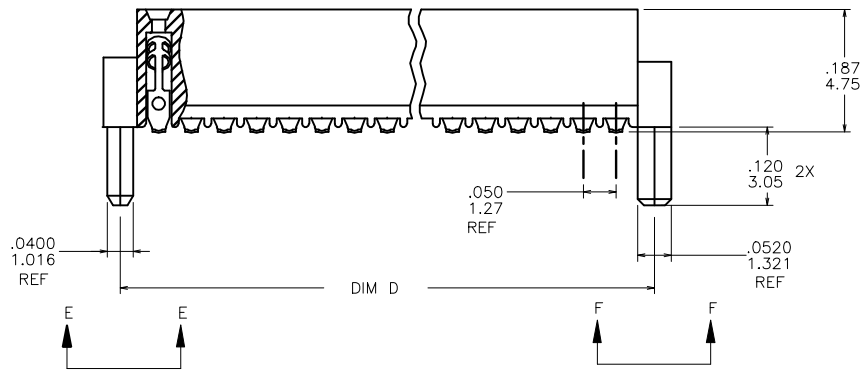
PRODUCT NUMBER
SEE TABLE



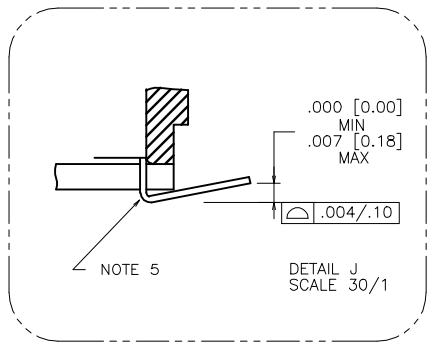
VIEW E-E
SCALE 40/1



VIEW F-F
SCALE 40/1



SECTION X-X



DETAIL J
SCALE 30/1

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
-							RIBCAGE
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
L	V02780	DLW	12/14/00	angles	.XX±.01/0.3		.050/1.27 CC V.C.C
M	V10994	DLW	3/9/01	linear	.XXX±.005/0.13	Scale 4:1	SMT. W/HOLD DOWN
N	V11674	CRG	6/22/01	0'±2'	.XXX±.0020/0.051		
P	M05-0123	ERE	6/10/05	dr	M. CORNMAN	7/22/91	dwg no
R	M06-0225	ERE	06/12/06	engr	M. HAHN	7/22/91	sheet 1 of 2 size
S	M06-0370	MHT	9/26/06	chr	M. HAHN	7/22/91	87814 A3
T	M09-0058	CMR	4/06/09	appd	M. HAHN	7/22/91	type Product Customer Drawing
sheet	revision	T	T				
index	sheet	1	2				

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:

- HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL
- TERMINAL MATERIAL: BeCu
- TERMINAL PLATING:
30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES.
100u"/2.54u MIN Sn OVER Ni IN SOLDERING ZONES.
OTHERWISE GOLD FLASH OR UNPLATED
- APPLICATION INFORMATION:
 - RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".
 - MATING PINS TO BE .0176/.447 TO .0181/.459 THICK.
 - MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .008/.20 DIA.
 - SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/.25.
- LEAD TIPS TO BE ABOVE HEEL, UP TO .007/.18 MAX.
COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN TUBE.
- 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.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

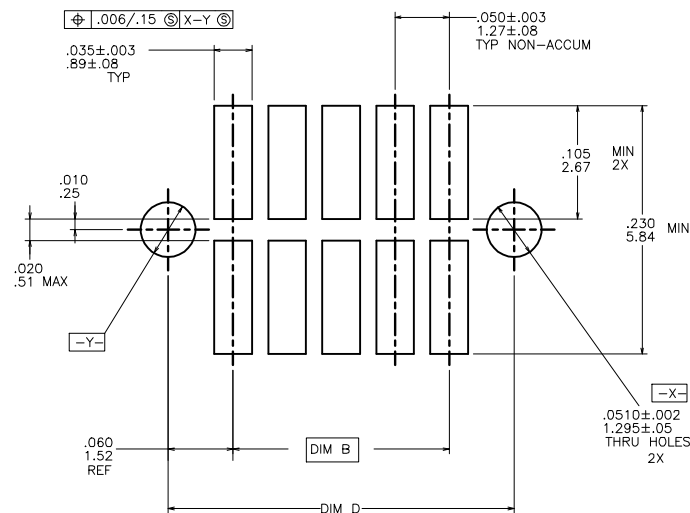


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

mat'l. code		surface ISO 1902		tolerance ISO 406 ISO 1101		projection		product family	
-		-		-		-		RIBCAGE	
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
T				linear		Scale 4:1		.050/1.27 CC V.C.C SMT. W/HOLD DOWN	
				angles				dwg no	
				O'±2'				sheet 2 of 2 size	
				dr		M. CORNMANN 7/22/91		87814 A3	
				engr		M. HAHN 7/22/91			
				chr		M. HAHN 7/22/91			
				appd		M. HAHN 7/22/91			
sheet		revision		type		Product Customer Drawing			
index		sheet							