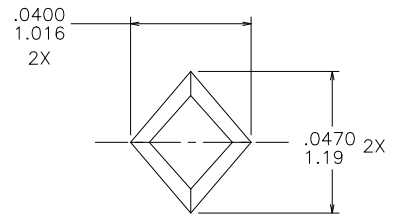
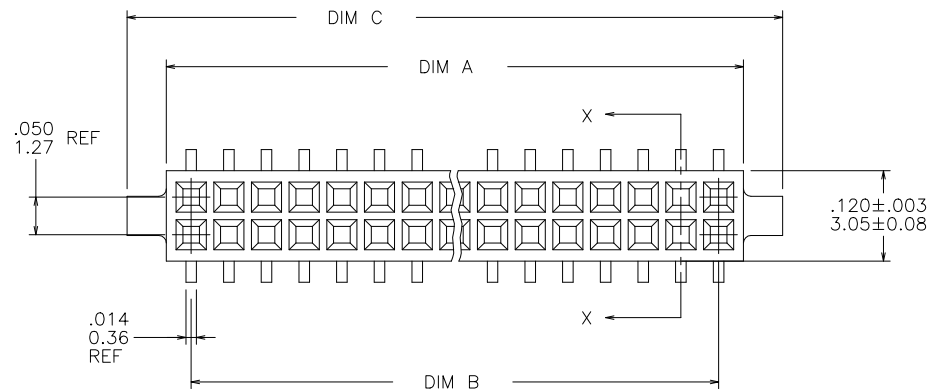
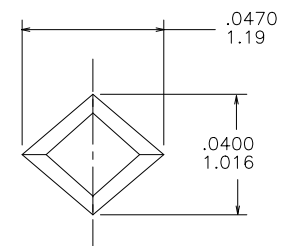


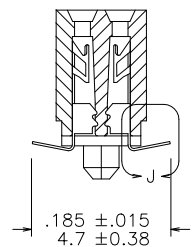
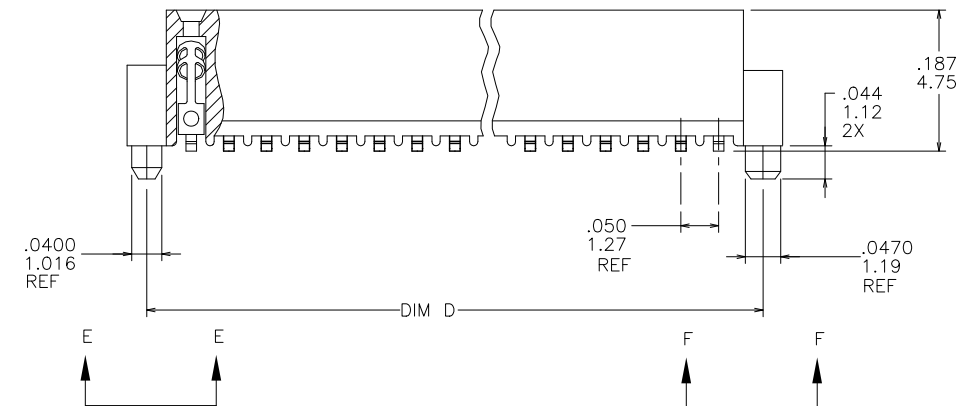
PRODUCT NUMBER  
SEE TABLE



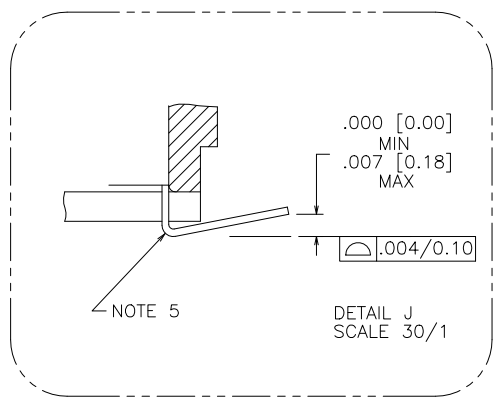
VIEW E-E  
SCALE 40/1



VIEW F-F  
SCALE 40/1



SECTION X-X



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	
G	V10944	CRG	3/5/01	angles	linear	.XX±.01/0.3		INCH/MM		.050/1.27 CC V.C.C. SMT, W/.044/1.12 SHORT PEG	
H	V11674	CRG	7/27/01			.XXX±.005/0.13		scale 4:1		dwg no	
J	M05-0123	MHT	6/07/05	0°±x°		.XXXX±.0020/0.051				sheet 1 of 2 size	
K	M06-0225	ERE	6/12/06	dr	M. CORNMAN	8/13/93		93942		A3	
L	M06-0370	MHT	9/26/06	engr	J. SHUEY	8/13/93		type		Product Customer Drawing	
M	N10-0174	YO	6/17/10	chr	C. GINGRICH	8/13/93					
N	ELX-N-010210	YO	2/8/12	appd	J. SHUEY	8/13/93					
sheet	revision	N	N								
index	sheet	1	2								

PRODUCT NO.	SIZE	DIM A	DIM B	DIM C	DIM D
93942-605	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
93942-650	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"/.76um MIN HARD GOLD OR GXT OVER Ni ON CONTACT ZONES.  
100u"/2.54um MIN Sn OVER Ni IN SOLDERING ZONES.  
OTHERWISE GOLD FLASH OR UNPLATED.
- APPLICATION INFORMATION :  
A. RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".  
B. MATING PINS TO BE .0176/0.447 TO .0181/0.459 THICK.  
C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .008/0.20 DIA.  
D. SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/0.25.
- LEAD TIPS TO BE ABOVE HEEL UP TO .007/0.18 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.
- PRODUCT SPECIFICATION PER BUS-12-087.

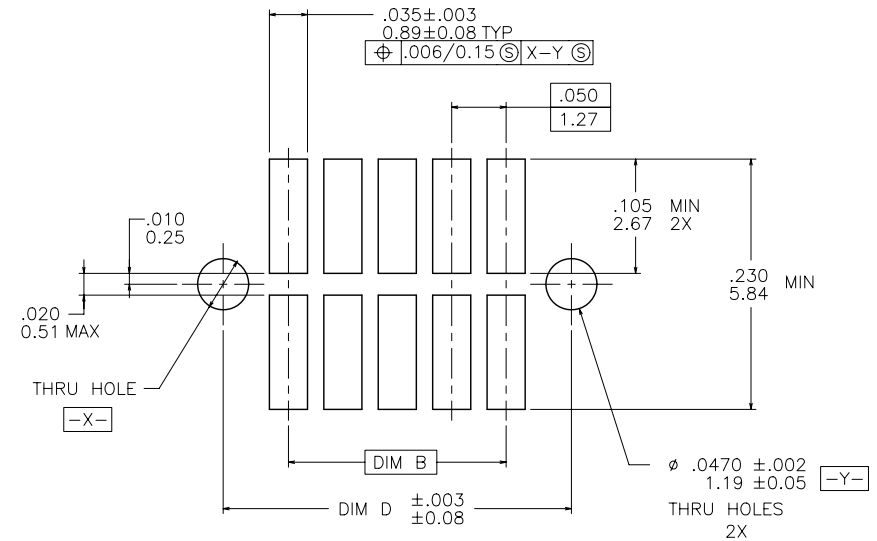


FIGURE A  
RECOMMENDED  
P.C.B. LAYOUT

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	
N						angles linear .xx±.01/0.3 .xxx±.005/0.13 .xxxx±.0020/0.051		INCH/MM .050/1.27 CC V.C.C. SMT, W/.044/1.12 SHORT PEG	
dr		M. CORNMAN		8/13/93		scale 4:1		dwg no	
enr		J. SHUEY		8/13/93				sheet 2 of 2 size	
chr		C. GINGRICH		8/13/93				93942	
appd		J. SHUEY		8/13/93				A3	
sheet index		revision sheet						type Product Customer Drawing	