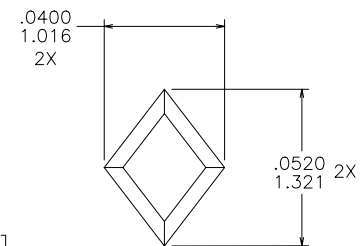
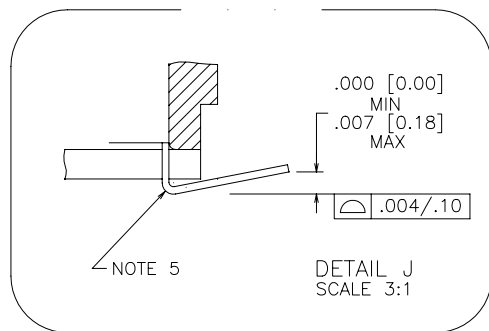
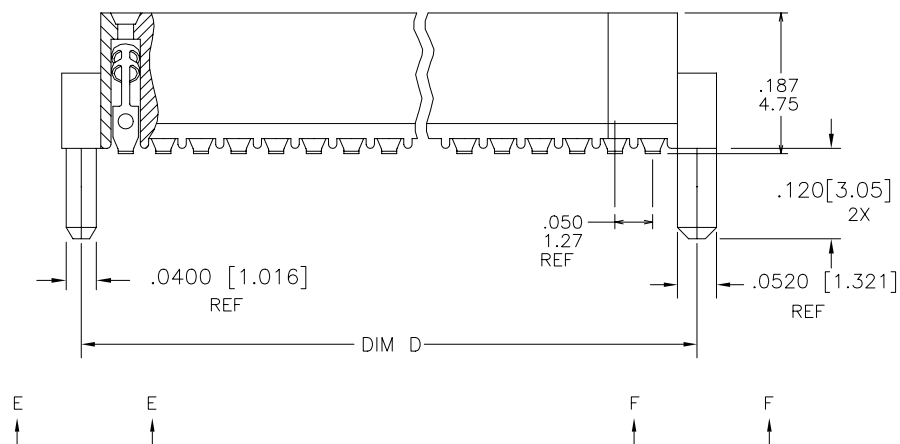
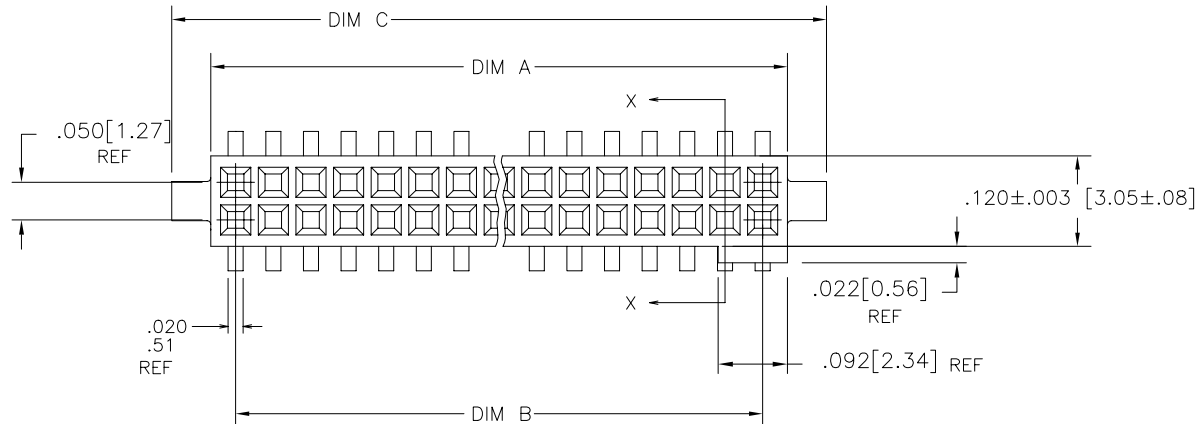
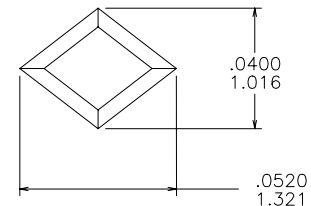
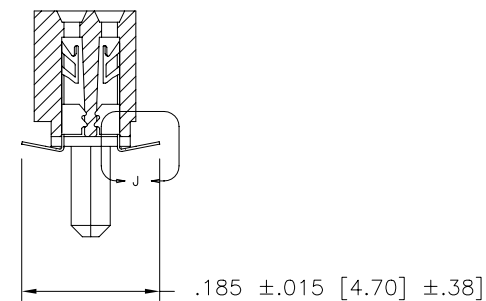




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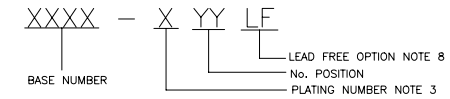
Copyright FCI

PRODUCT NUMBER
SEE TABLEVIEW E-E
SCALE 4:1VIEW F-F
SCALE 4:1

SECTION X-X

mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101		RIB CAGE			
ltr	ec'n no	dr	date	tolerances unless otherwise specified			title			
S	M05-0123	ERE	6/10/05	angles	linear	XX ±.01/.3	.050/1.27cc V.C.C. SURFACE MOUNT W/POL/HOLD DOWN			
T	M06-0284	ARA	7/27/06			XXX ±.005/.13				
U	M07-0053	MHT	1/22/07	0°±2°		XXXX ±.0020/.050	scale 4:1			
V	M07-0267	MHT	6/08/07	dr	J. MUSTARD	3/25/91				
W	M07-0345	AGS	7/26/07	enrg	M. HAHN	3/25/91				
X	M09-0058	CMR	4/06/09	chr	G. GINGRICH	3/25/91				
Y	N10-0174	YOH	6/17/10	appd	M. HAHN	3/25/91				
sheet	revision	Y	Y	Y			dwg no			
index	sheet	1	2	3			87471			
							sheet 1 of 3			
							size A3			
							type Product Customer Drawing			

PRODUCT NO. NOTE 8	SIZE	DIM A	DIM B	DIM C	DIM D	SPECIAL PACKAGING	TAPE WIDTH
87471-605	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128	NOTE 7	24mm
↑ -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	NOTE 7	44mm
-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		
87471-650	2 X 50	2.516/63.91	2.450/62.23	2.620/66.55	2.5700/65.278	NOTE 7	88mm
87471-905	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128		
↑ -910	2 X 10	.516/13.11	.450/11.43	.620/15.75	.5700/14.478		
-915	2 X 15	.766/19.46	.700/17.78	.870/22.10	.8200/20.828		
-920	2 X 20	1.016/25.81	.950/24.13	1.120/28.45	1.0700/27.178		
-925	2 X 25	1.266/32.16	1.200/30.48	1.370/34.80	1.3200/33.528		
-930	2 X 30	1.516/38.51	1.450/36.83	1.620/41.15	1.5700/39.878		
-935	2 X 35	1.766/44.86	1.700/43.18	1.870/47.50	1.8200/46.228		
-940	2 X 40	2.016/51.21	1.950/49.53	2.120/53.85	2.0700/52.578		
-945	2 X 45	2.266/57.56	2.200/55.88	2.370/60.20	2.3200/58.928		
87471-950	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 94-0 COLOR : NATURAL
- TERMINAL MATERIAL : BeCu
- TERMINAL PLATING :
-6XXLF 30u"/.76um MIN HARD GOLD OVER Ni ON CONTACT ZONES. 100u"/2.54um MIN Sn OVER Ni IN SOLDERING ZONES. OTHERWISE GOLD FLASH OR UNPLATED
-9XXLF 60u"/1.52um MIN HARD GOLD OVER Ni ON CONTACT ZONES. 100u"/2.54um 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 "TR" TO END OF DASH NUMBER FOR TAPE AND REEL PACKAGED WITH CAP. TOOLED ONLY FOR NOTED
- 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.

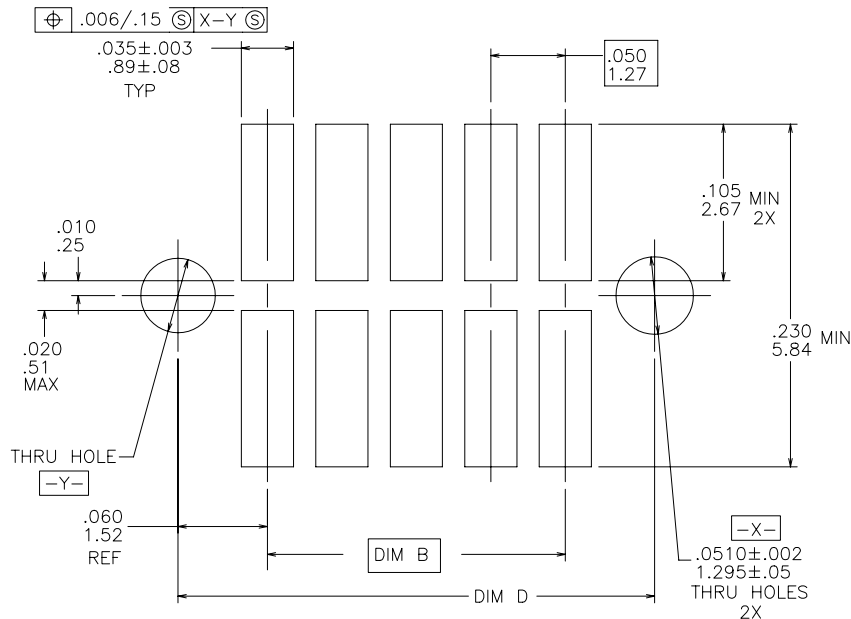


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

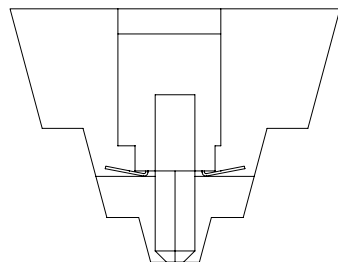
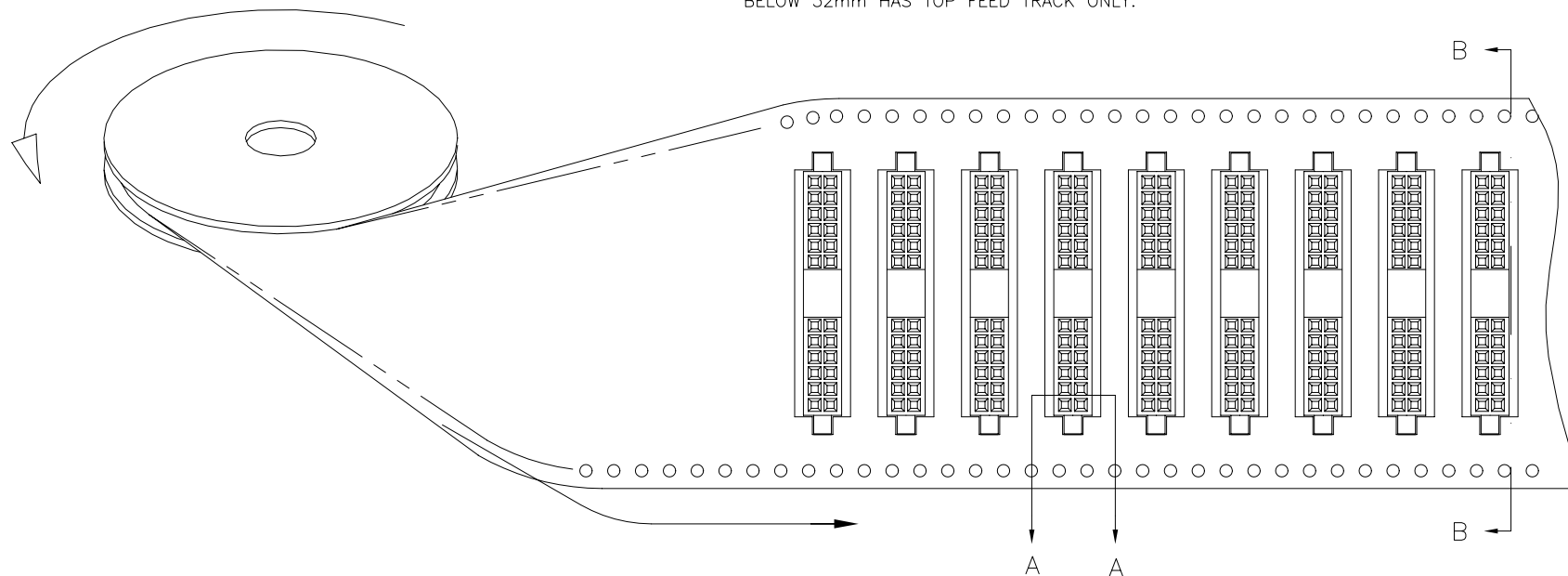
mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family RIB CAGE
ltr	ecn no	dr	date	title
Y				.050/1.27cc V.C.C. SURFACE MOUNT W/POL/HOLD DOWN
				dwg no 87471 sheet 2 of 3 size A3
				type Product Customer Drawing
sheet index	revision sheet			

PRODUCT NUMBER
SEE TABLE

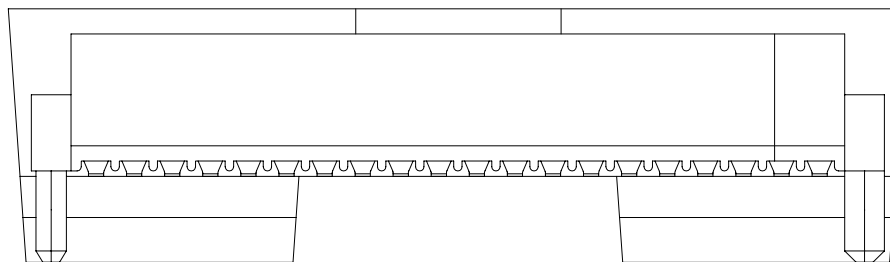
UNREELING
DIRECTION

REFERENCE ONLY

TAPE WIDTH'S 32mm AND ABOVE HAS BOTH FEED TRACKS,
BELOW 32mm HAS TOP FEED TRACK ONLY.



SECTION A-A



SECTION B-B

mat'l. code NOTE 1 & 2				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family RIB CAGE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
Y				angles	linear	XX ±.01/.3 XXX ±.005/.13 XXXX ±.0020/.050	.050/1.27cc V.C.C. SURFACE MOUNT W/POL/HOLD DOWN
				dr	J. MUSTARD	3/25/91	dwg no
				enr	M. HAHN	3/25/91	sheet 3 of 3
				chr	G. GINGRICH	3/25/91	size
				appd	M. HAHN	3/25/91	A3
sheet index	revision sheet						type Product Customer Drawing

