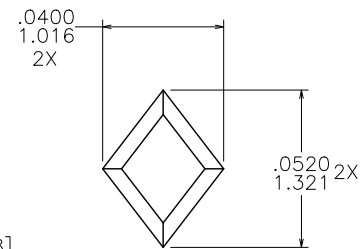
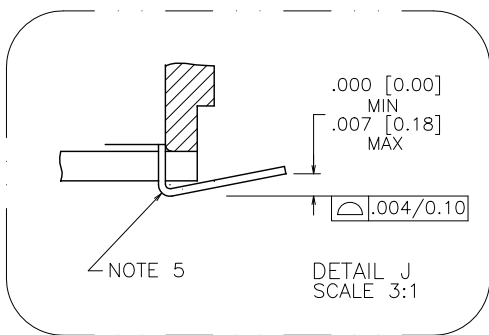
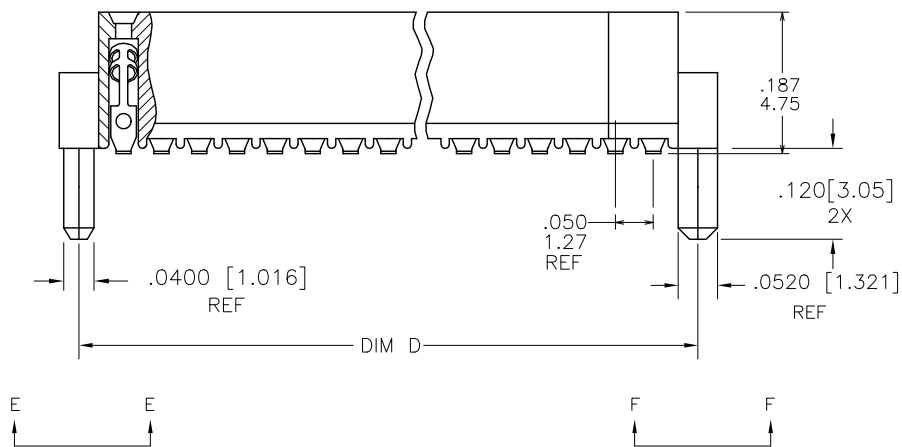
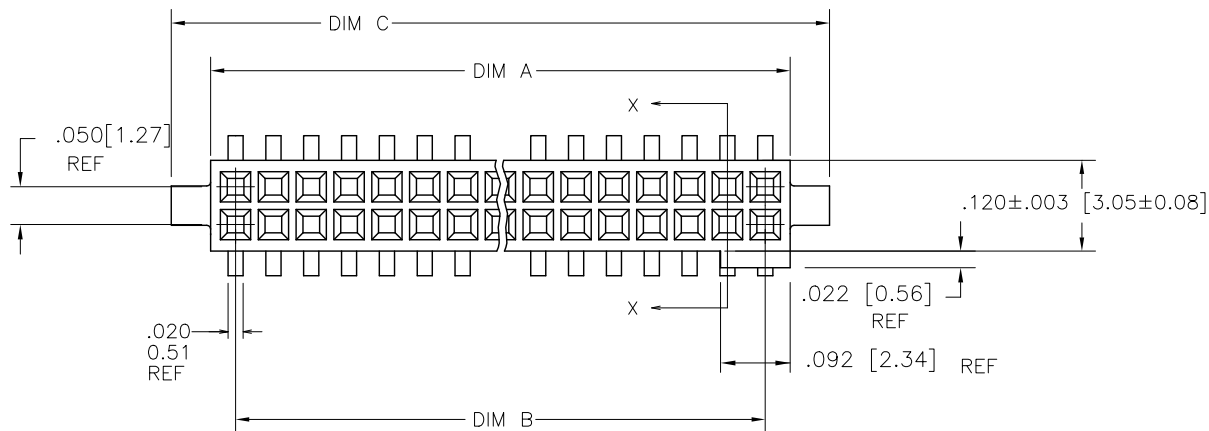
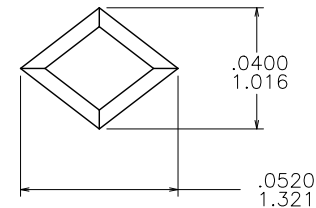


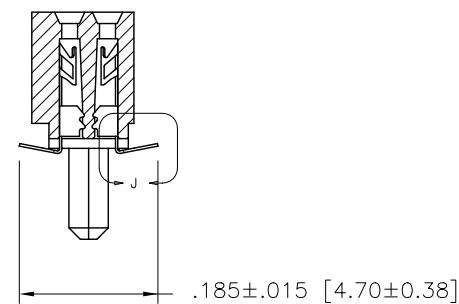
PRODUCT NUMBER
SEE TABLE



VIEW E-E
SCALE 4:1



VIEW F-F
SCALE 4:1



SECTION X-X

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIB CAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified					INCH/MM 	title			
T	M06-0284	ARA	7/27/06	angles	linear	XX ±.01/.3				.050/1.27cc V.C.C. SURFACE			
U	M07-0053	MHT	1/22/07			XXX ±.005/.13			MOUNT w/POL. HOLD DOWN				
V	M07-0267	MHT	6/28/07	0'±2'			XXXX ±.0020/.050			scale 4:1			
W	M07-0345	AGS	7/26/07	dr	J. MUSTARD	3/25/91				dwg no		sheet 1 of 3	size
X	M09-0058	CMR	4/06/09	enrg	M. HAHN	3/25/91				87471		A3	
Y	N10-0174	YO	6/17/10	chr	G. GINGRICH	3/25/91							
AA	ELX-010203	YO	2/8/12	appd	M. HAHN	3/25/91							
sheet index	revision	AA	AA	AA						type	Product	Customer	Drawing
	sheet	1	2	3									

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		

XXXX - X YY LF
BASE NUMBER LEAD FREE OPTION NOTE 8
No. POSITION
PLATING NUMBER NOTE 3

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 OR GXT 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

4. APPLICATION INFORMATION :

- RECOMMENDED MOUNTING PAD PATTERN IS
SHOWN IN FIGURE "A".
 - MATING PINS TO BE .0176/0.447 TO .0181/0.459 THICK.
 - MATING PIN TIPS TO BE IN TRUE POSITION TO MATING
GRID WITHIN .008/0.20 DIA.
 - 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 "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.
 - PRODUCT SPECIFICATION PER BUS-12-087.

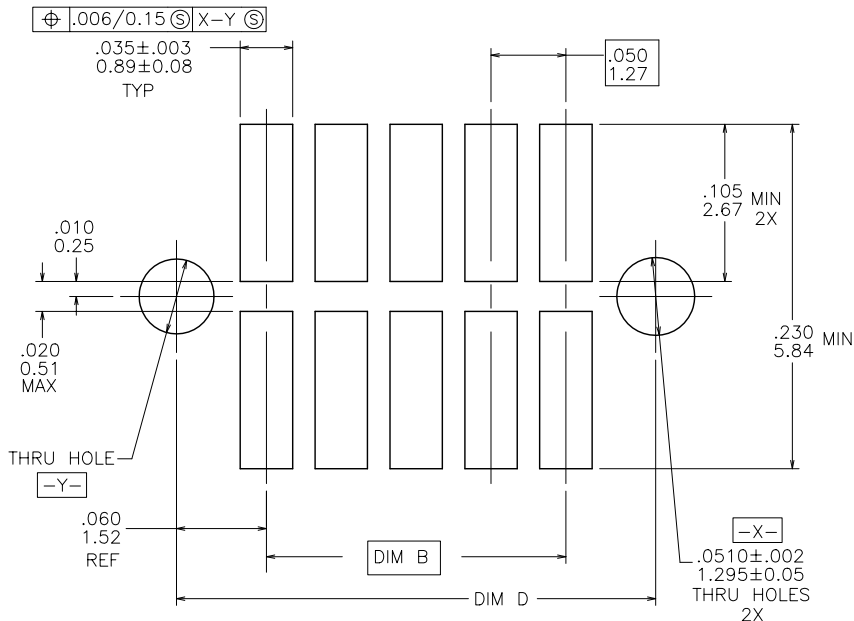


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

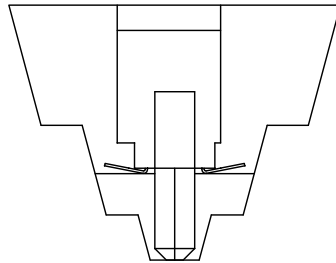
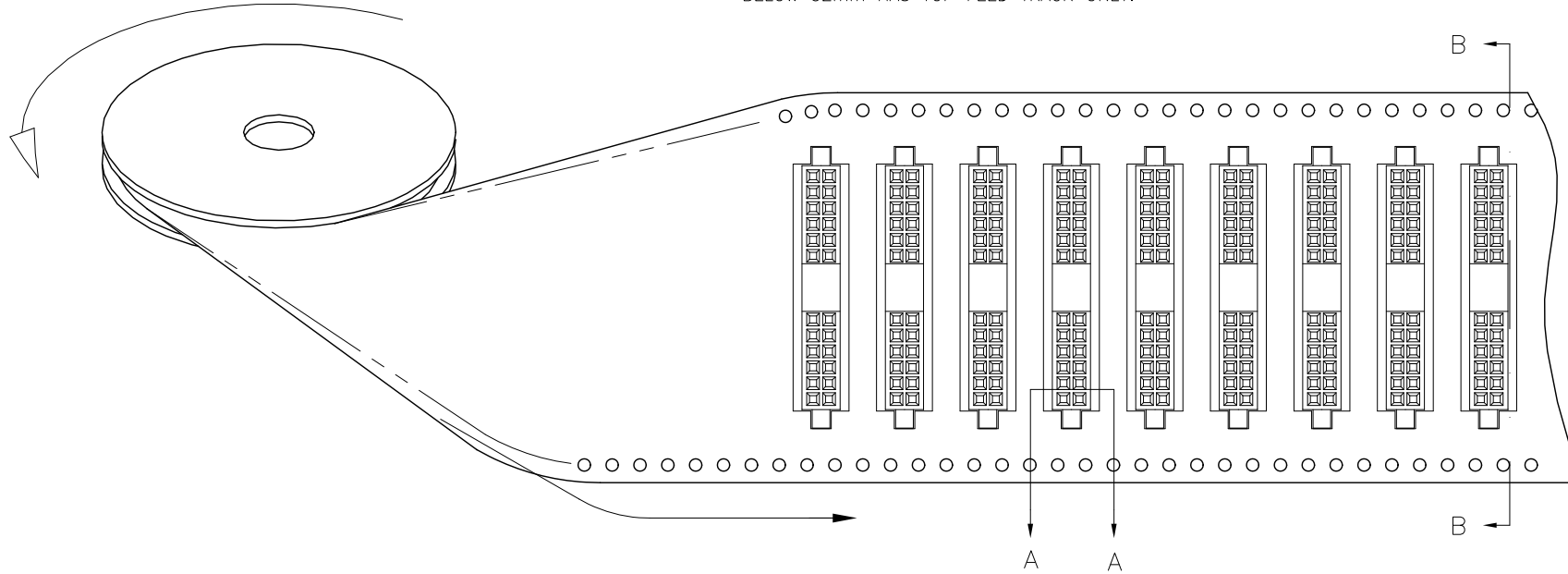
mat'l. code				surface	tolerance	projection	product family		
-				ISO 1302 ✓	ISO 406 ISO 1101	ISO 1101	RIB CAGE		
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM	title		
AA					angles linear	scale 8:1	.050/1.27cc V.C.C. SURFACE MOUNT w/POL. HOLD DOWN		
					σ±2'		dwg no		
					dr	J. MUSTARD 3/25/91	sheet 2 of 3 size		
					enr	M. HAHN 3/25/91	87471		
					chr	G. GINGRICH 3/25/91	A3		
					appd	M. HAHN 3/25/91	type Product Customer Drawing		
sheet	revision								
index	sheet								

PRODUCT NUMBER
SEE TABLE

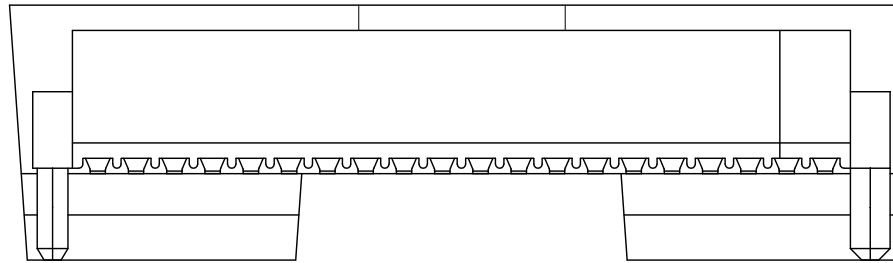
UNREELING
DIRECTION

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	
AA					angles	linear	XX ±.01/.3	INCH/MM	.050/1.27cc V.C.C. SURFACE MOUNT w/POL. HOLD DOWN	
					σ±2'		XXX ±.005/.13			
							XXXX ±.0020/.050	scale 4:1	dwg no	
					dr	J. MUSTARD	3/25/91		sheet 3 of 3	
					enr	M. HAHN	3/25/91		size	
					chr	G. GINGRICH	3/25/91		87471	
					appd	M. HAHN	3/25/91		A3	
sheet index		revision sheet							type Product Customer Drawing	

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

[87471-610](#) [87471-615](#) [87471-645](#) [87471-610LF](#) [87471-615LF](#) [87471-645LF](#) [87471-650](#) [87471-630](#) [87471-605LF](#)
[87471-640](#) [87471-650LF](#) [87471-640LF](#) [87471-625LF](#) [87471-630LF](#) [87471-605](#) [87471-620LF](#) [87471-620](#) [87023-](#)
[635TRLF](#) [87023-650TRLF](#) [87021-630TRLF](#) [90098-145TRLF](#) [87471-650CTLF](#) [87021-605TRLF](#) [87471-650TRLF](#)
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[110PLF](#) [87023-640TRLF](#) [91036-150CTLF](#)