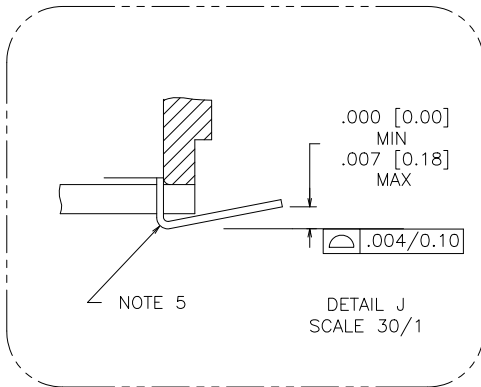
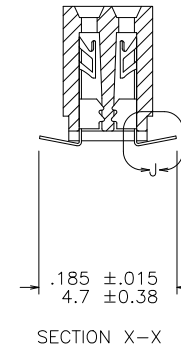
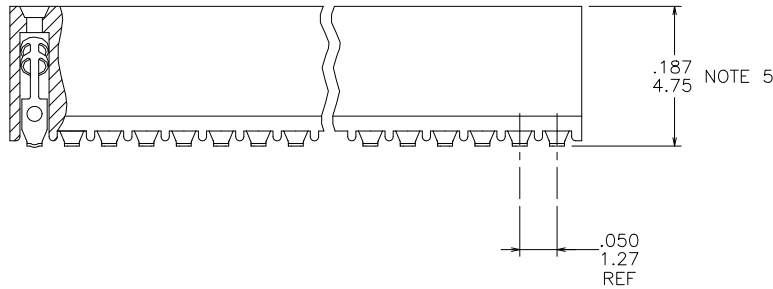
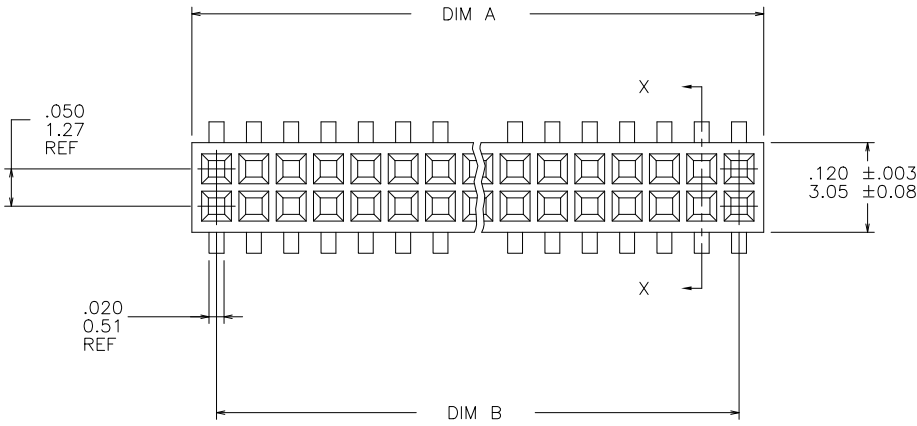




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PRODUCT NUMBER
SEE TABLE



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			
S	V10994	DLW	3/9/01	angles	linear	.XX±.01/0.3									
T	V11674	CRG	6/22/01			.XXX±.005/0.13									
U	M05-0088	MHT	5/12/05	0°±2°	.XXX±.0020/0.051				INCH/MM		.050/1.27 CC VERT CARD CONN. ASSY. SURFACE MOUNT				
V	M06-0225	ERE	6/12/06	dr	M. CLOUSER	6/26/91		scale 4:1							
W	M06-0370	MHT	9/26/06	engr	D. WHITING	6/26/91				dwg no		sheet 1 of 3		size	
X	M09-0058	CMR	4/06/09	chr	C. GINGRICH	6/26/91									
Y	ELX-N-010020	YO	1/30/12	appd	D. WHITING	6/26/91				87021		A3			
sheet		revision		Y	Y	Y				type Product Customer Drawing					
index		sheet		1	2	3									

PRODUCT NO. NOTE 8	SIZE	DIM A	DIM B	SPECIAL PACKAGING	TAPE WIDTH PITCH	PIECES PER REEL
87021-605	2 X 5	.266/6.756	.200/5.08	NOTE 6	24MM 12MM	750
-610	2 X 10	.516/13.106	.450/11.43	NOTE 6	24MM 12MM	750
-615	2 X 15	.766/19.456	.700/17.78	NOTE 6	44MM 12MM	500
-620	2 X 20	1.016/25.806	.950/24.13	NOTE 6	44MM 12MM	500
-625	2 X 25	1.266/32.156	1.200/30.48	NOTE 6	44MM 12MM	500
-630	2 X 30	1.516/38.506	1.450/36.83	NO		---
-635	2 X 35	1.766/44.856	1.700/43.18	NO		---
-640	2 X 40	2.016/51.206	1.950/49.53	NO		---
-645	2 X 45	2.266/57.556	2.200/55.88	NO		---
87021-650	2 X 50	2.516/63.906	2.450/62.23	NO		---

- NOTES :
- ① HOUSING MATERIAL :
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL94V-0.
COLOR : NATURAL
- ② TERMINAL MATERIAL : BeCu
- ③ TERMINAL PLATING :
30u"/.76u MIN HARD GOLD OR GXT OVER Ni ON CONTACT ZONES.
100u"/2.54u 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 .0176/0.447 TO .0181/0.459 DIA.
- 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.
- ⑤ LEAD TIPS TO BE ABOVE HEEL, UP TO .007/0.18 MAX.
COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- ⑥ ADD "TR" TO END OF DASH NUMBER FOR TAPE AND REEL PACKAGE WITH CAP. TOOLED ONLY FOR NOTED CONNECTORS.
7. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN TUBE.
- ⑧ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. 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 NOTE/PROCEDURES IF THEY ARE AVAILABLE.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
11. PRODUCT SPEC PER BUS-12-087.

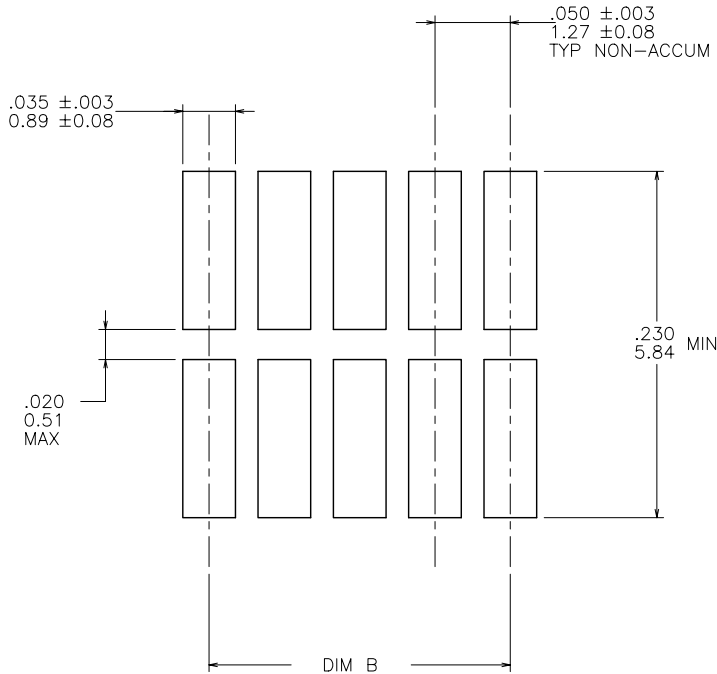


FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

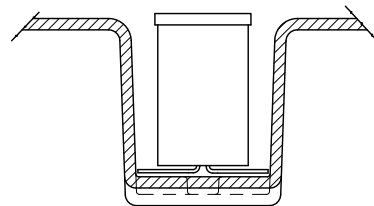
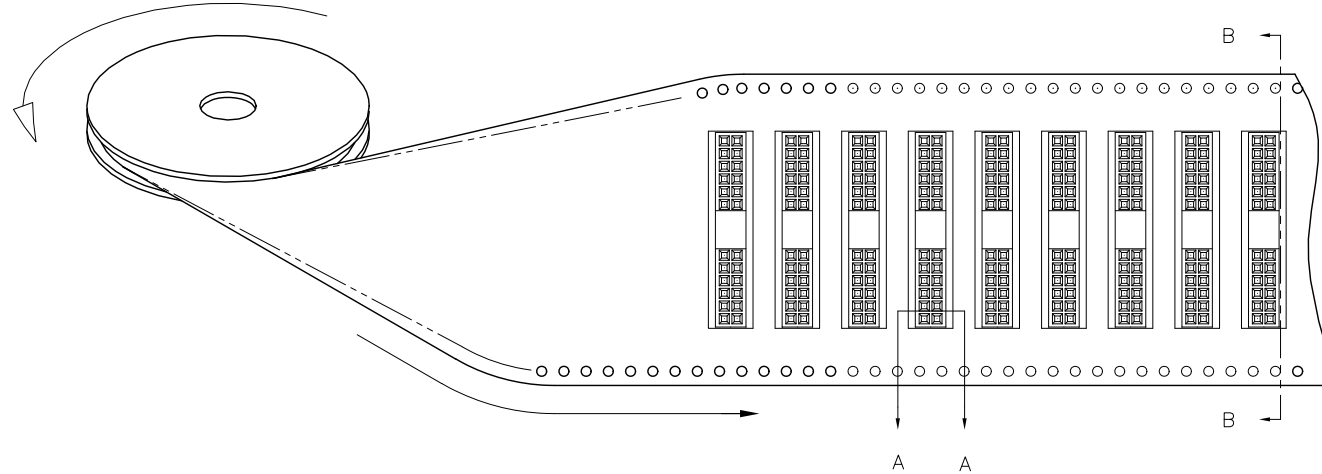
mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101		ISO 1101		RIBCAGE	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title		
Y					angles	linear	.XX±.01/0.3		
							.XXX±.005/0.13		
					0'±2'		.XXX±.0020/0.051		
					dr	M. CLOUSER	6/26/91		
					enr	D. WHITING	6/26/91		
					chr	C. GINGRICH	6/26/91		
					appd	D. WHITING	6/26/91		
sheet index		revision sheet							

scale 4:1		FCCI		dwg no		sheet 2 of 3		size	
				87021				A3	
				type		Product Customer Drawing			

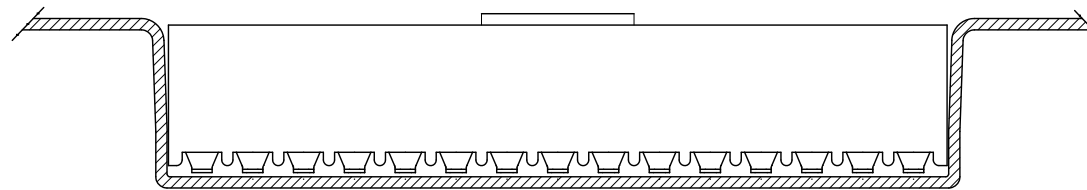
REFERENCE ONLY

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

UNREELING
DIRECTION



SECTION A-A



SECTION B-B

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE					
ltr	ecn	no	dr	date						title					
Y				angles		linear	.XX±.01/0.3		INCH/MM ↔		.050/1.27 CC VERT CARD				
							.XXX±.005/0.13				CONN. ASSY. SURFACE MOUNT				
				0°±2'			.XXXX±.0020/0.051		scale 4:1						
				dr	M. CLOUSER	6/26/91				dwg no		sheet 3 of 3		size	
				enr	D. WHITING	6/26/91				87021		A3			
				chr	C. GINGRICH	6/26/91				type Product Customer Drawing					
				appd	D. WHITING	6/26/91									
sheet index		revision sheet													