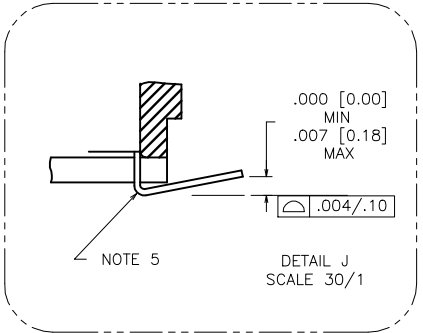
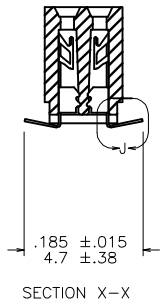
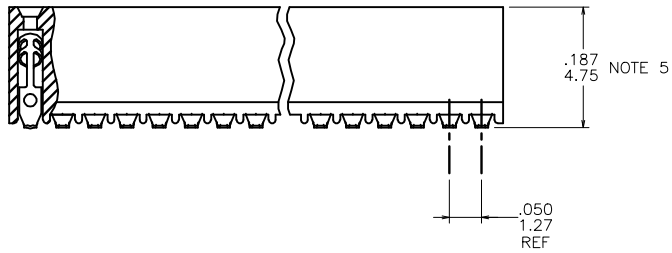
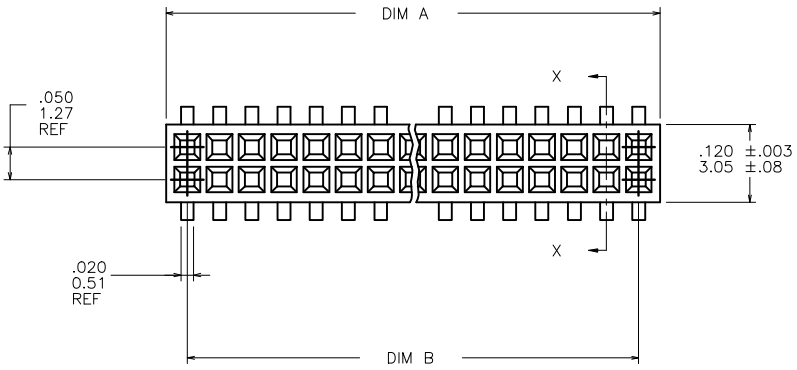


PRODUCT NUMBER
SEE TABLE



mat'l. code		surface	tolerance	projection	product family
-		ISO 1302	ISO 406	ISO 1501	RIBCAGE
itr	ecn no	dr	date	title	
R	V02780	DLW	12/1/00	.050/1.27 CC VERT CARD	
S	V10994	DLW	3/9/01	CONN. ASSY. SURFACE MOUNT	
T	V11674	CRG	6/22/01	scale 4:1	
U	M05-0088	MHT	5/12/05	dwg no	
V	M06-0225	ERE	06/12/06	sheet 1 of 3 size	
W	M06-0370	MHT	9/26/06	87021 A3	
X	M09-0058	CMR	4/06/09	type Product Customer Drawing	
sheet	revision	X	X	X	
index	sheet	1	2	3	



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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	16MM / 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	32MM / 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 Au 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/.447 TO .0181/.459 DIA.
C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .008/.20 DIA.
D. SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/.25.
- ⑤ LEAD TIPS TO BE ABOVE HEEL UP TO .007/.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.

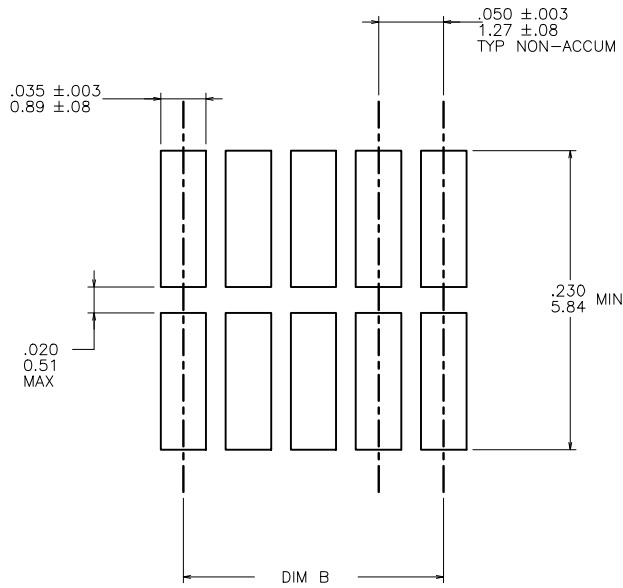


FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

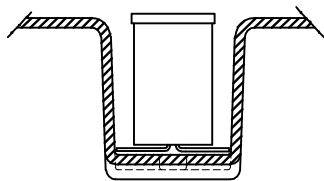
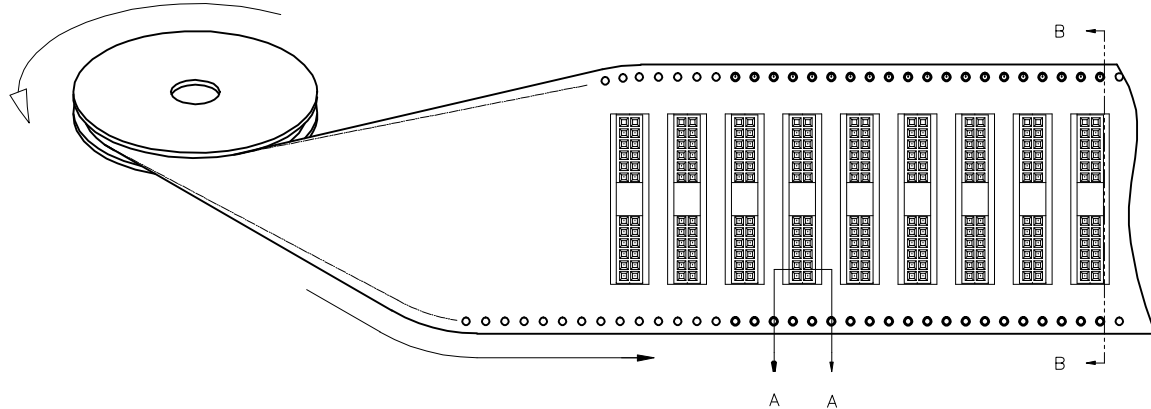
mat'l. code	surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecp no	dr	date	RIBCAGE
X				title
				.050/1.27 CC VERT CARD
				CONN. ASSY. SURFACE MOUNT
				dwg no
				87021
				sheet 2 of 3 size
				A3
				type
				Product Customer Drawing
sheet	revision			
index	sheet			

1 | 2 | 3 | 4 | 5 | 6

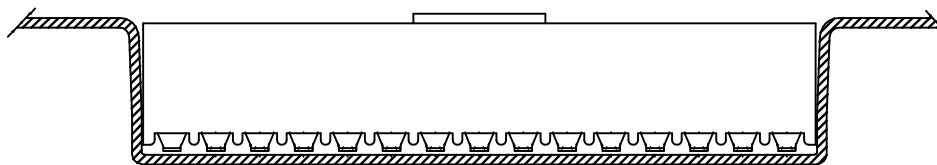
REFERENCE ONLY

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

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

form A3 | 1 | 2 | 3 | 4 | 5 | 6