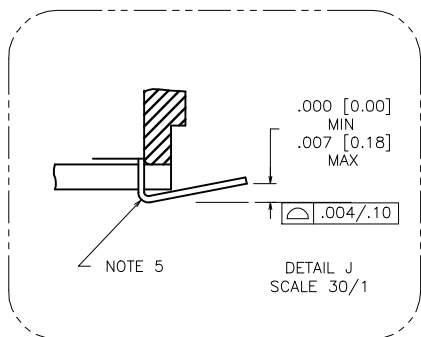
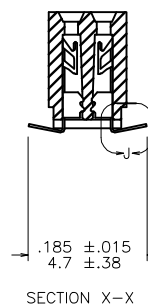
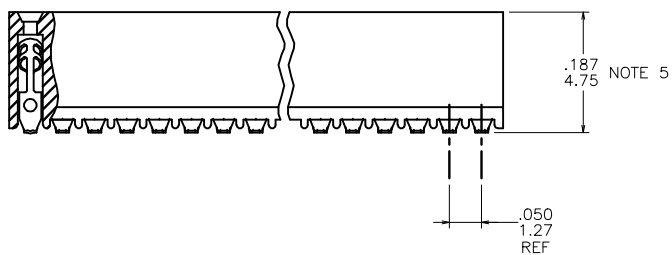
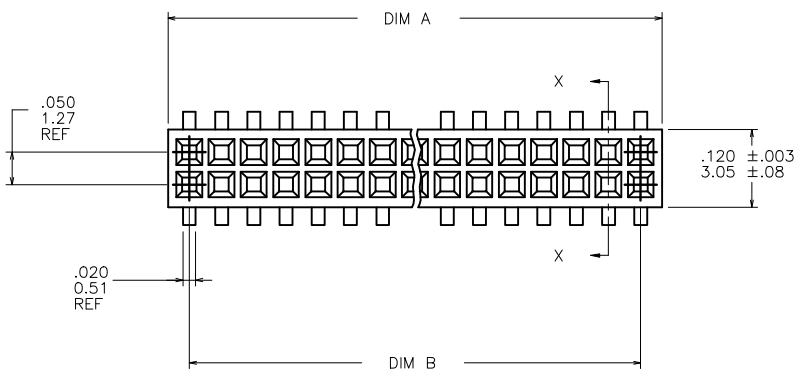


PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
-				✓			RIBCAGE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
R	V02780	DLW	12/1/00	angles	linear	INCH/MM	.050/1.27 CC VERT CARD CONN. ASSY. SURFACE MOUNT
S	V10994	DLW	3/9/01				
T	V11674	CRG	6/22/01	0'±2'		Scale 4:1	dwg no
U	M05-0088	MHT	5/12/05	dr	M. CLOUSER	6/26/91	sheet 1 of 3 size
V	M06-0225	ERE	06/12/06	engr	D. WHITING	6/26/91	87021 A3
W	M06-0370	MHT	9/26/06	chr	C. GINGRICH	6/26/91	type Product Customer Drawing
X	M09-0058	CMR	4/06/09	appd	D. WHITING	6/26/91	
sheet	revision	X	X	X			
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	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	-----	----

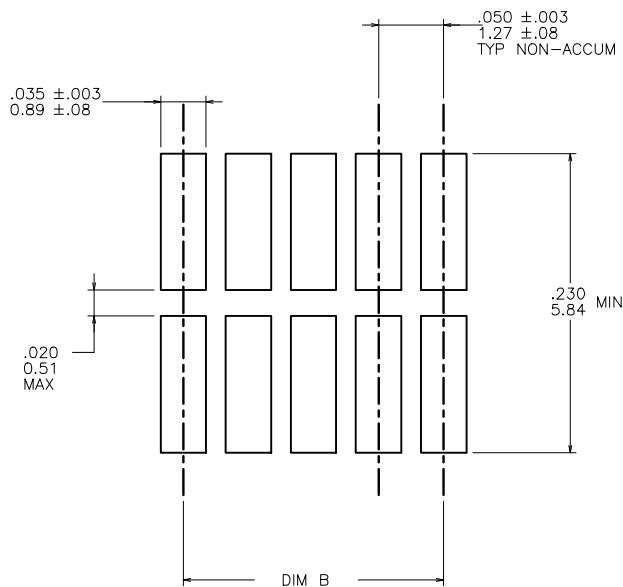
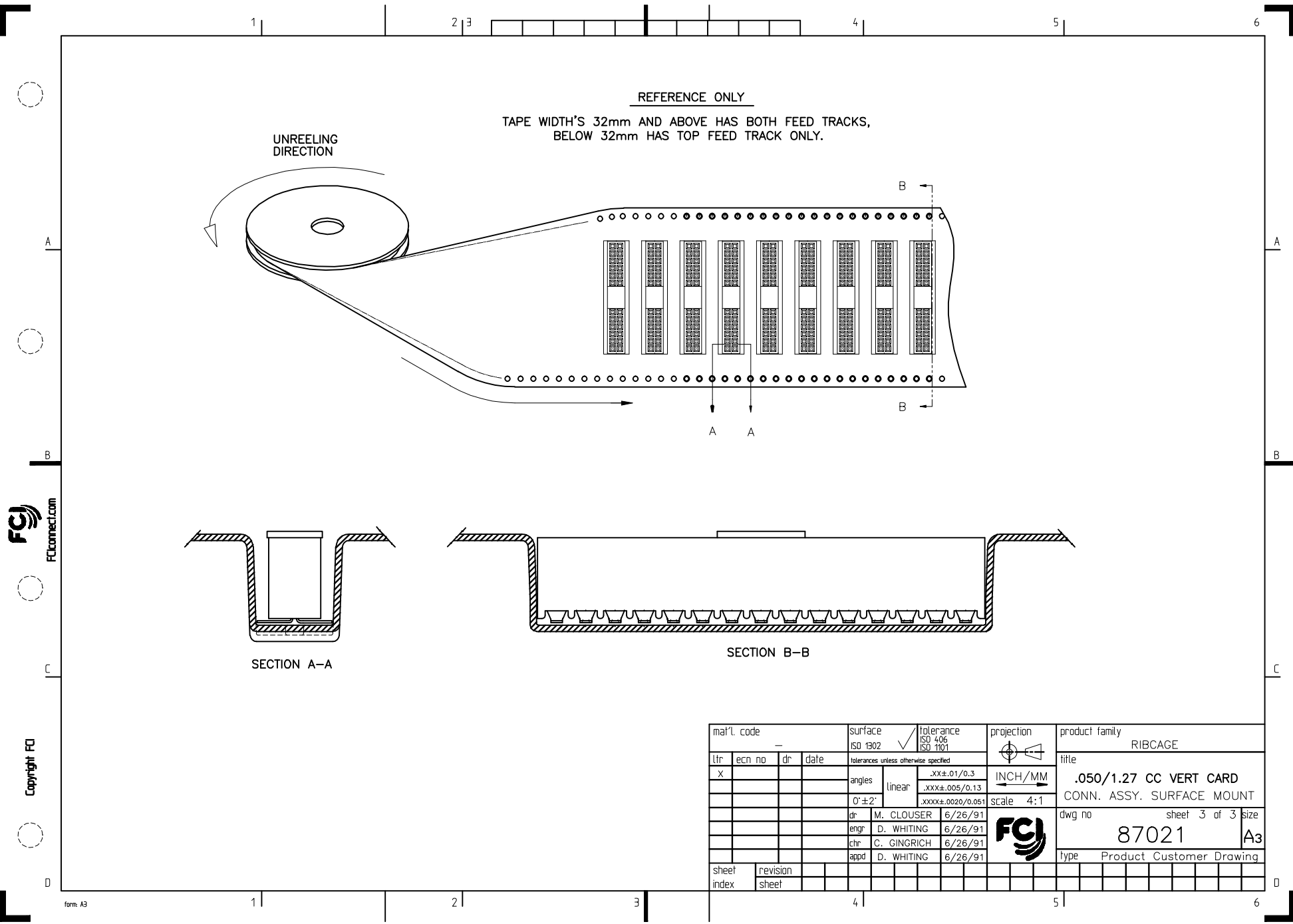


FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

NOTES :

- HOUSING MATERIAL :
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL94V-0.
COLOR : NATURAL
- TERMINAL MATERIAL : BeCu
- 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.
- 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.
- LEAD TIPS TO BE ABOVE HEEL, UP TO .007/.18 MAX.
COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- ADD "TR" TO END OF DASH NUMBER FOR TAPE AND REEL PACKAGE WITH CAP. TOOLED ONLY FOR NOTED CONNECTORS.
- 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.
- 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.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code		surface ISO 1902		tolerance ISO 406 ISO 1101		projection INCH/MM		product family RIBCAGE	
ltr	ecn no	dr	date	tolerances unless otherwise specified					
X				angles	linear	.XX±.01/0.3 .XXX±.005/0.13 O'±2'		title .050/1.27 CC VERT CARD CONN. ASSY. SURFACE MOUNT	
				dr	M. CLOUSER	6/26/91	scale 4:1		dwg no
				engr	D. WHITING	6/26/91	sheet 2 of 3		size
				chr	C. GINGRICH	6/26/91	FCJ		A3
				appd	D. WHITING	6/26/91	type		Product Customer Drawing
sheet	revision								
index	sheet								



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mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecm no	dr	date	tolerances unless otherwise specified		 INCH/MM	RIBCAGE
X				angles	linear		title
						scale 4:1	.050/1.27 CC VERT CARD
							CONN. ASSY. SURFACE MOUNT
				dr	M. CLOUSER	6/26/91	dwg no
				engr	D. WHITING	6/26/91	sheet 3 of 3
				chr	C. GINGRICH	6/26/91	size
				appd	D. WHITING	6/26/91	A3
sheet	revision						type
index	sheet						Product Customer Drawing