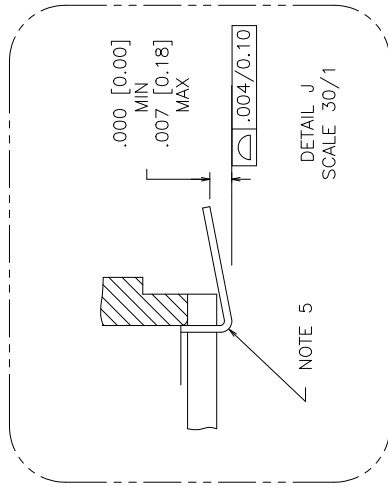
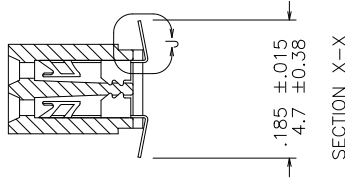
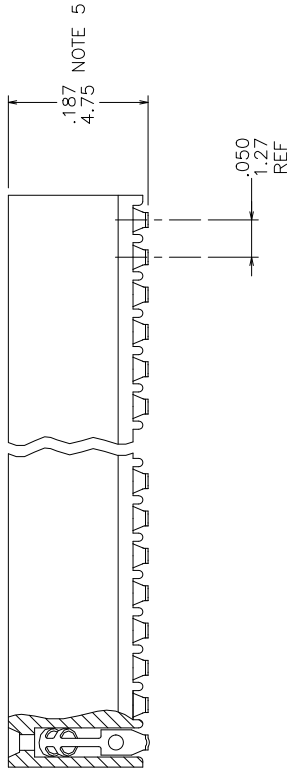
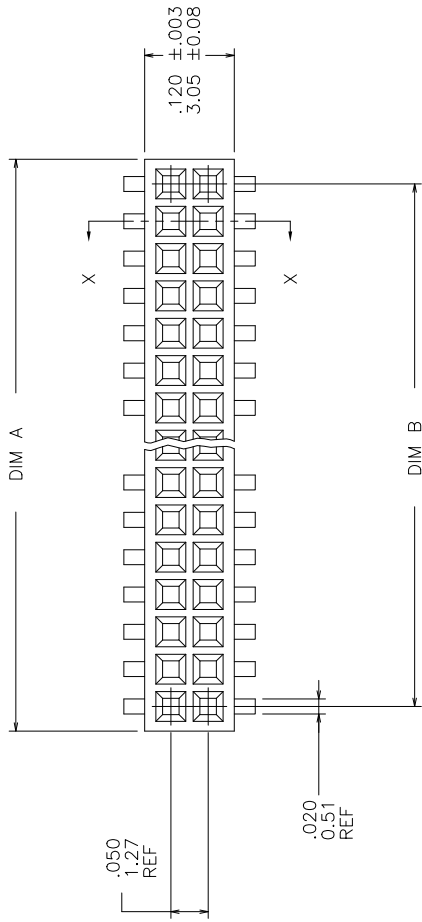


PRODUCT NUMBER
SEE TABLE



mat'l. code				surface		tolerance		projection	product family	title
ltr	ecn	no	dr	date	ISO 1302	ISO 406	ISO 1101			
S	V10994	DLW	3/9/01		tolerances unless otherwise specified				RIBCAGE	.050/1.27 CC VERT CARD
T	V11674	CRG	6/22/01		angles	linear	.XX±.01/0.3			
U	M05-0088	MHT	5/12/05		0°±2°		.XXX±.005/0.13	INCH/MM scale 4:1	CONN. ASSY. SURFACE MOUNT	dwg no 87021 sheet 1 of 3 size A3
V	M06-0225	ERE	6/12/06				.XXXX±.0020/0.051			
W	M06-0370	MHT	9/26/06		M. CLOUSER		6/26/91		Product Customer Drawing	
X	M09-0058	CMR	4/06/09		D. WHITING		6/26/91			
Y	EX-N-01020	YO	1/30/12		C. GINGRICH		6/26/91	sheet 1 of 3 size A3		
sheet	revision	Y	Y	Y	D. WHITING		6/26/91			
index	sheet	1	2	3						



PRODUCT NO. NOTE 8	SIZE	DIM A	DIM B	SPECIAL PACKAGING	TAPE WIDTH		PIECES PER REEL
					PITCH	PITCH	
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.

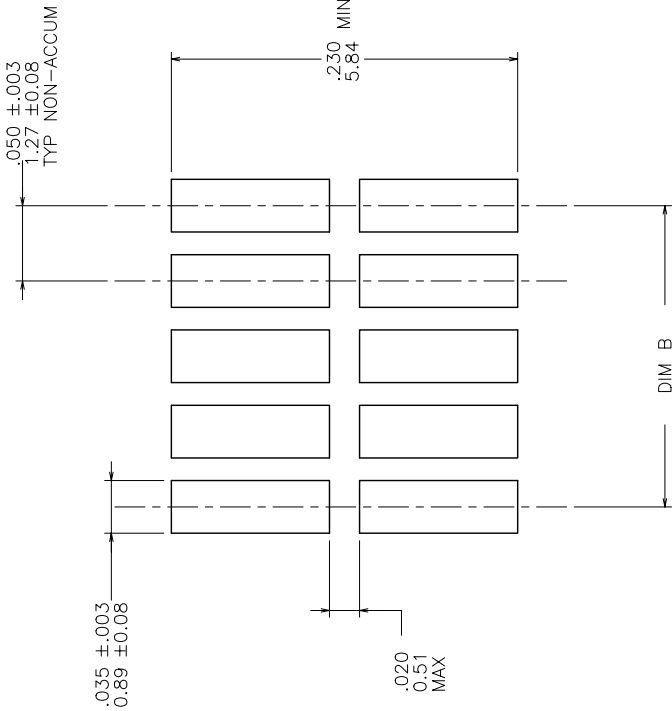
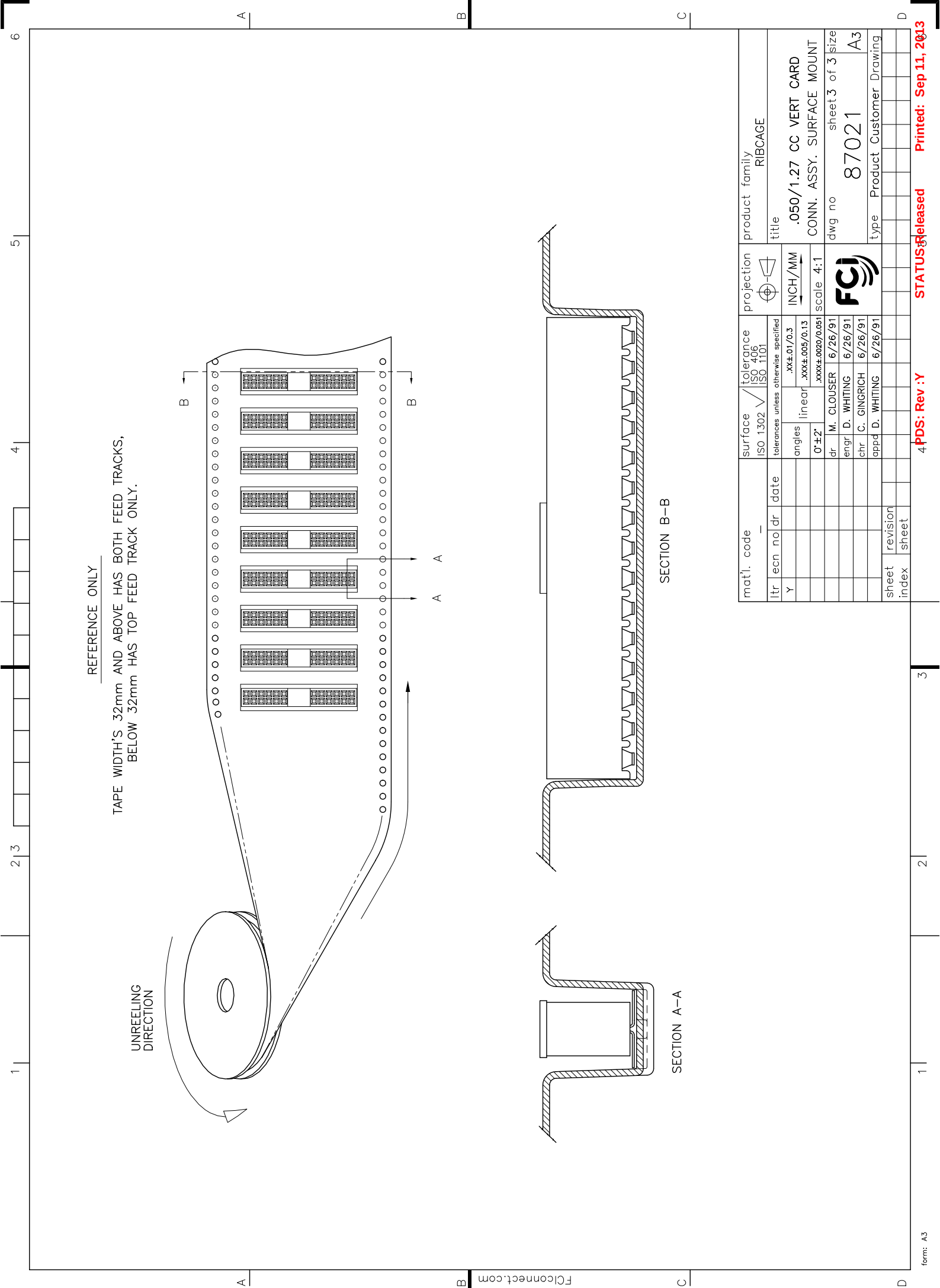


FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

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



REFERENCE ONLY

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

UNREELING DIRECTION

mat'l. code				surface	tolerance	projection	product family
itr	ecn	no	dr	date	ISO 1302 ISO 406 ISO 1101		title
Y					tolerances unless otherwise specified		
					angles		
					linear		
					0°±2°		
					dr	INCH/MM	
					M. CLOUSER	scale 4:1	
					engr D. WHITING		
					chr C. GINGRICH		
					appd D. WHITING		
sheet	revision	sheet					
index							

product family	87021	sheet 3 of 3
title	.050/1.27 CC VERT CARD	A3
CONN. ASSY. SURFACE MOUNT		
dwg no	87021	Product Customer Drawing
type		