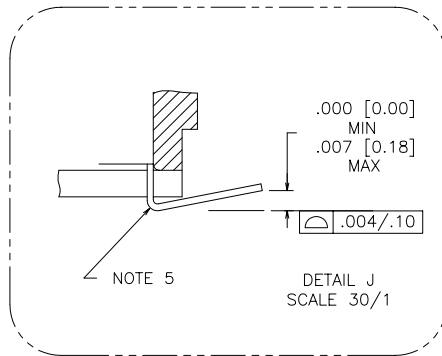
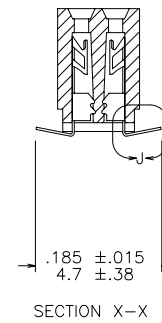
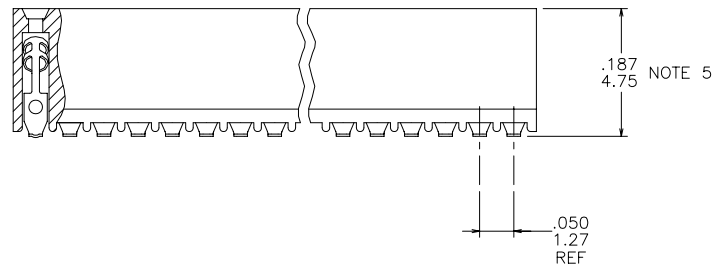
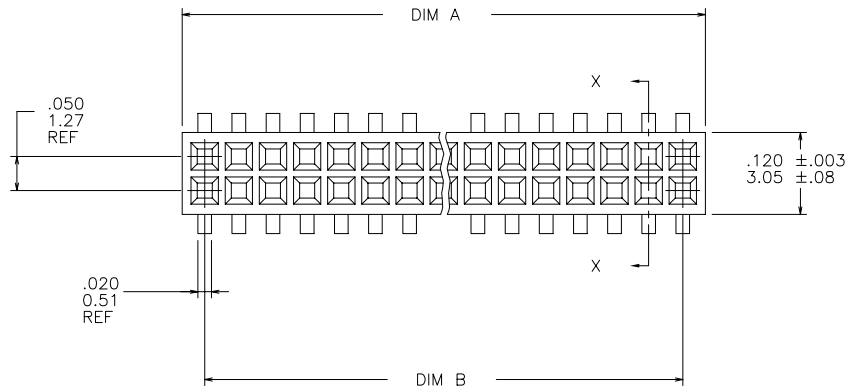




FCIconnect.com

Copyright FCI

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			
P	V80862	EPK		6/8/98	angles	linear	.XX±.01/0.3			.050/1.27 CC VERT CARD			
R	V02780	DLW		12/1/00			.XXX±.005/0.13			CONN. ASSY. SURFACE MOUNT			
S	V10994	DLW		3/9/01			.XXX±.0020/0.051			scale 4:1			
T	V11674	CRG		6/22/01	dr	M. CLOUSER	6/26/91			dwg no		sheet 1 of 3	size
U	M05-0088	MHT		5/12/05	enr	D. WHITING	6/26/91			87021		A3	
V	M06-0225	ERE		06/12/06	chr	C. GINGRICH	6/26/91						
W	M06-0370	MHT		9/26/06	app	D. WHITING	6/26/91						
sheet	revision	W	W	W									
index	sheet	1	2	3									

form: A3

PDM: Rev:W

STATUS:Released

Printed: Apr 15, 2008

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	_____	---

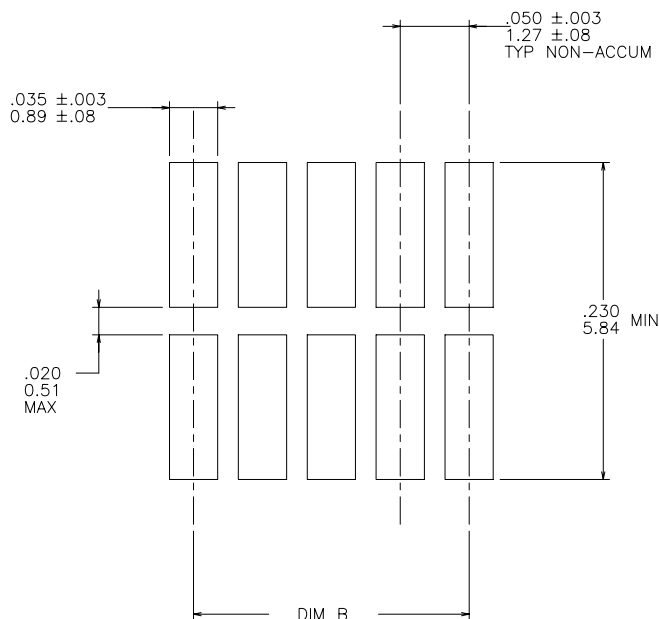


FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

NOTES :

- HOUSING MATERIAL :
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL94V-0.
COLOR : BLACK
- 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	tolerance	projection	product family	
-				ISO 1302 ✓	ISO 406 ISO 1101	⊕	RIBCAGE	
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 4:1	title	
W					angles linear .XX±.01/0.3		.050/1.27 CC VERT CARD	
					.XXX±.005/0.13		CONN. ASSY. SURFACE MOUNT	
					0'±2' .XXX±.0020/0.051		dwg no	
				dr	M. CLOUSER 6/26/91	FCI	sheet 2 of 3 size	
				enrg	D. WHITING 6/26/91		87021	
				chr	C. GINGRICH 6/26/91		A3	
				appd	D. WHITING 6/26/91		type Product Customer Drawing	
sheet	revision							
index	sheet							



FCIconnect.com

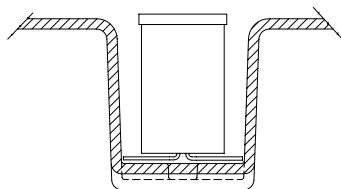
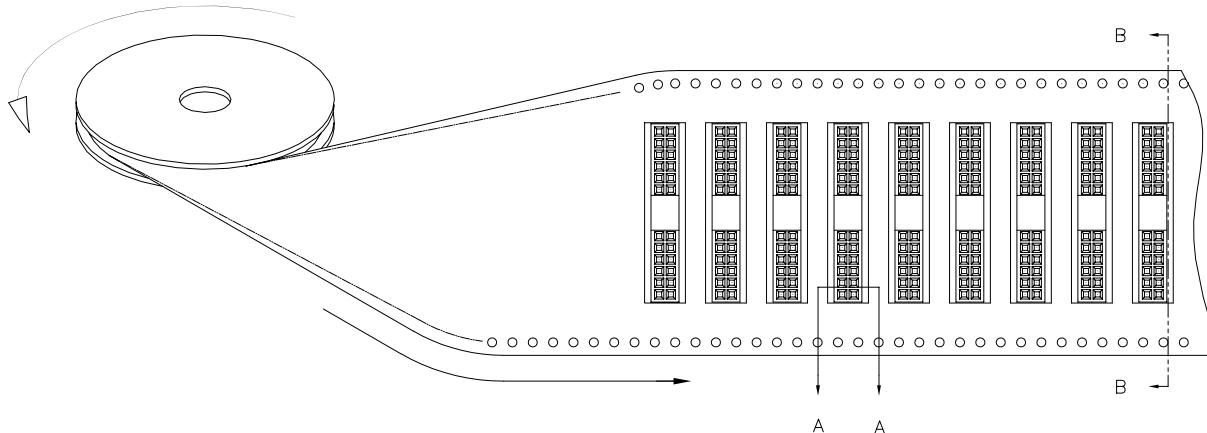
Copyright FCI

1 2 3 4 5 6

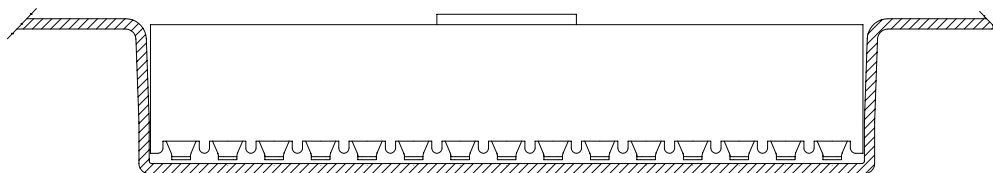
REFERENCE ONLY

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

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

form: A3

1 2 3 4 5 6