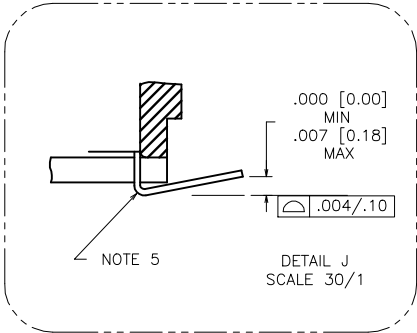
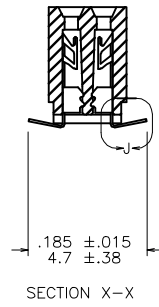
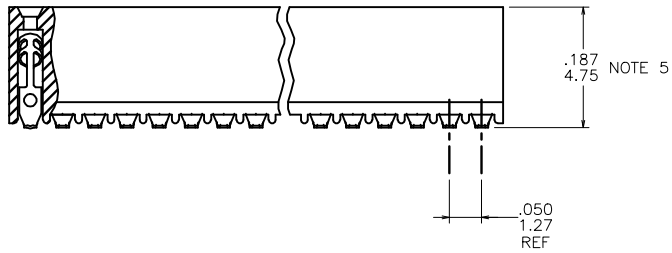
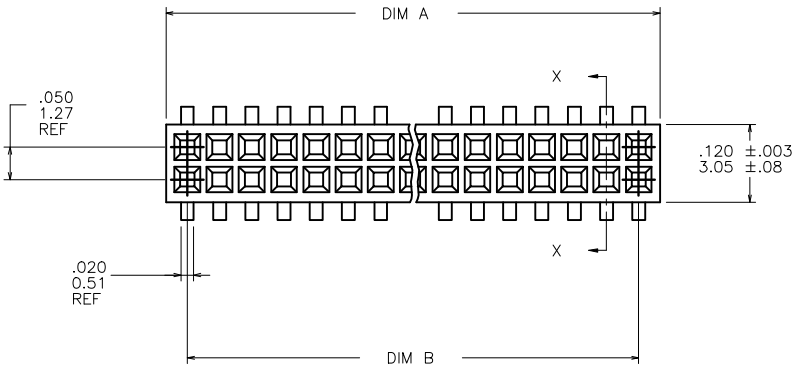


PRODUCT NUMBER
SEE TABLE



mat'l. code		surface	tolerance	projection	product family
-		ISO 1302	ISO 406 ISO 1101	ASME Y14.5	RIBCAGE
tolerances unless otherwise specified					title
ltr	ecn no	dr	date	INCH/MM	.050/1.27 CC VERT CARD
R	V02780	DLW	12/1/00	Scale 4:1	CONN. ASSY. SURFACE MOUNT
S	V10994	DLW	3/9/01		
T	V11674	CRG	6/22/01		
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
X	M09-0058	CMR	4/06/09		A3
sheet	revision	X	X	X	type
index	sheet	1	2	3	Product Customer Drawing

FCJ
 FCconnect.com
 Copyright FCJ

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 :

- 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.

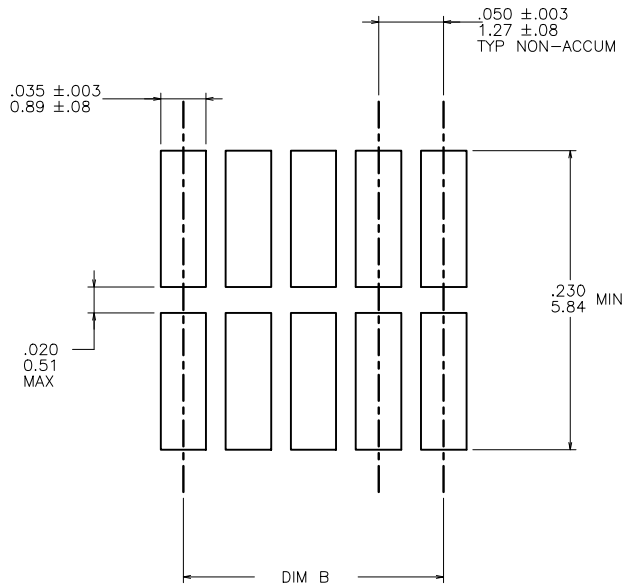


FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

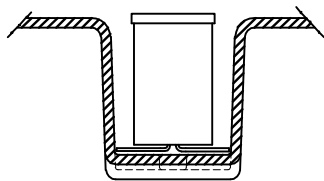
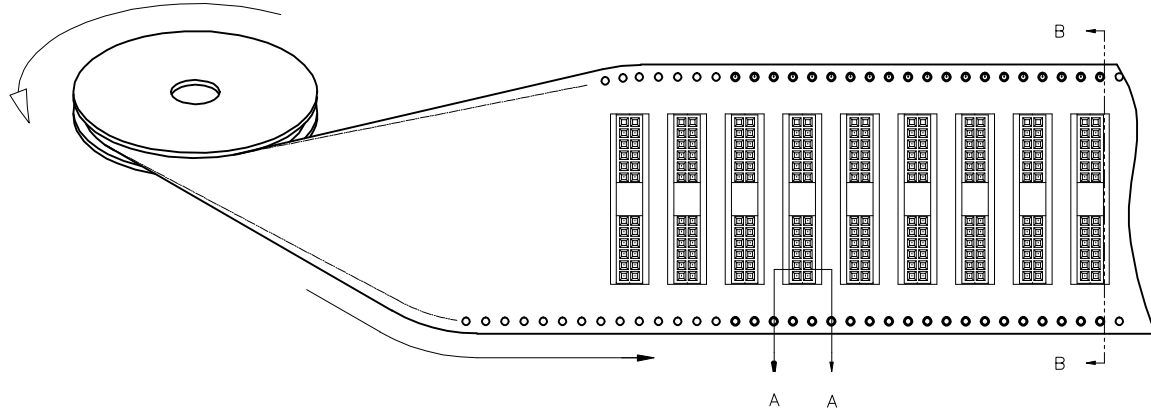
mat'l. code	surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecp no	dr	date	RIBCAGE
X				title
				.050/1.27 CC VERT CARD
				CONN. ASSY. SURFACE MOUNT
				dwg no
				87021
				sheet 2 of 3 size
				A3
				type
				Product Customer Drawing
sheet	revision			
index	sheet			

1 | 2 | 3 | 4 | 5 | 6

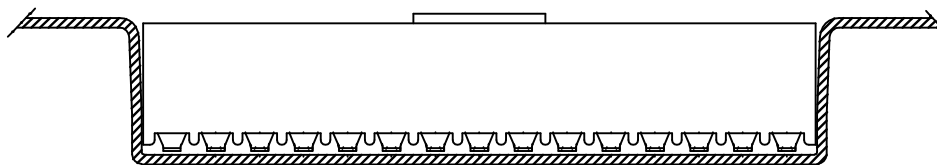
REFERENCE ONLY

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



Copyright FCJ

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406		ISO 1502		RIBCAGE	
itr		ecn no		dr		date		title	
X								.050/1.27 CC VERT CARD	
								CONN. ASSY. SURFACE MOUNT	
								dwg no	
								87021	
								sheet 3 of 3	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							

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