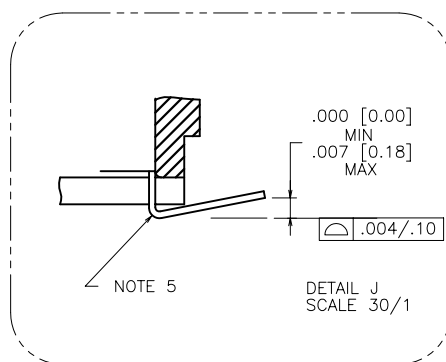
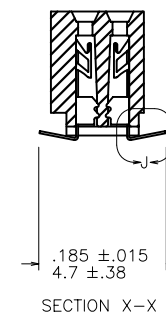
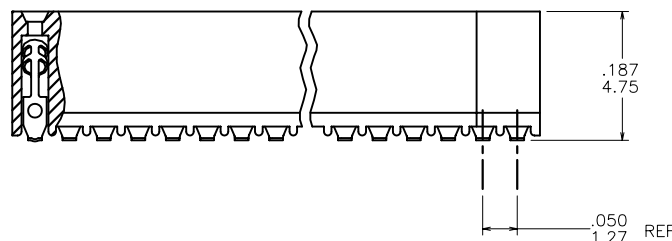
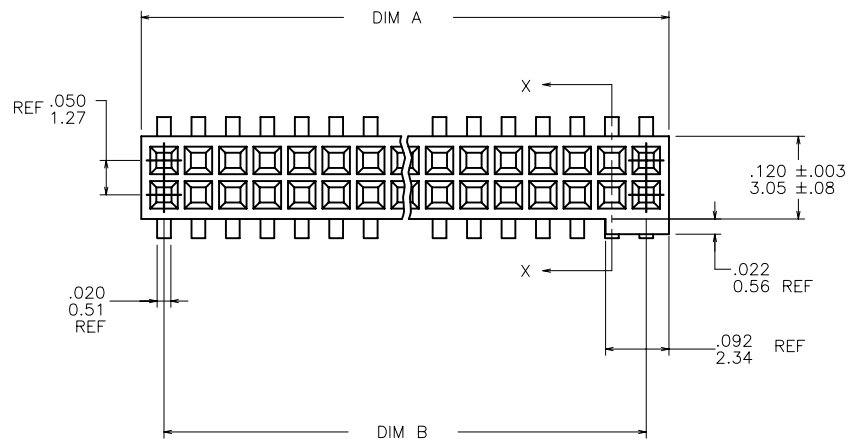


PRODUCT NUMBER
SEE TABLE



mat'l. code				surface	ISO 1302	tolerance	ISO 406	projection	product family
-				ISO 1302	✓	ISO 406	ISO 1101	INCH/MM	RIBCAGE
ltr	ec'n no	dr	date	tolerances unless otherwise specified				scale	title
S	V02780	DLW	12/01/00	angles	linear	.XX±.01/0.3		4:1	.050 CC VERT. C.C. ASS'Y.
T	V10994	DLW	03/09/01			.XXX±.005/0.13			SUR. MOUNT-POL.
U	V11874	CRG	08/22/01	0°±2°		.XXXX±.0020/0.051			
V	M05-0123	MHT	06/06/05	dr	D. SHEAFFER	12/6/88			dwg no
W	M06-0225	ERE	06/12/06	engr	J. OSWALD	12/6/88			sheet 1 of 3 size
X	M06-0370	MHT	09/26/06	chr	J. OSWALD	12/6/88			A3
Y	M08-0053	CMR	02/27/08	appd	J. OSWALD	12/6/88			type
sheet	revision	Y	Y	Y					Product Customer Drawing
index	sheet	1	2	3					

PRODUCT NO. NOTE 9	SIZE	DIM A	DIM B	SPECIAL PACKAGING	TAPE WIDTH PITCH	PCS. PER REEL
87022-605	2 X 5	.266/6.76	.200/5.08	NOTE 7	16mm 12mm	750
-610	2 X 10	.516/13.11	.450/11.43	NOTE 7	24mm 12mm	750
-615	2 X 15	.766/19.46	.700/17.78	NOTE 7	32mm 12mm	500
-620	2 X 20	1.016/25.81	.950/24.13	NOTE 7	44mm 12mm	500
-625	2 X 25	1.266/32.16	1.200/30.48	NOTE 7	44mm 12mm	500
-630	2 X 30	1.516/38.51	1.450/36.83	NO	—	—
-635	2 X 35	1.766/44.86	1.700/43.18	NO	—	—
-640	2 X 40	2.016/51.21	1.950/49.53	NO	—	—
-645	2 X 45	2.266/57.56	2.200/55.88	NO	—	—
87022-650	2 X 50	2.516/63.91	2.450/63.23	NO	—	—
87022-625 MIL.	2 X 25	1.266/32.16	1.200/30.48	NO	—	—

NOTE 6

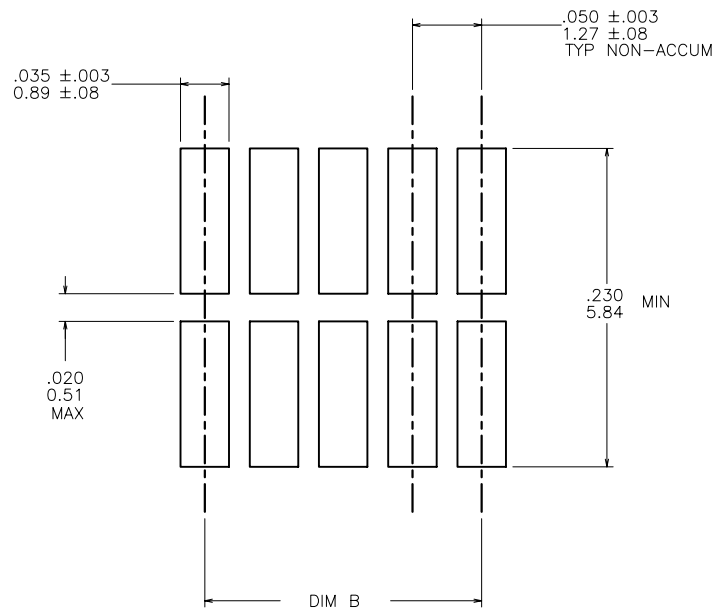
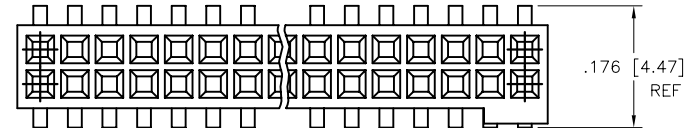





FIGURE "A"
RECOMMENDED PCB
MOUNTING PAD PATTERN

NOTES :

- HOUSING MATERIAL :
LCP GLASS FILLED . FLAME RETARDANT PER UL94V-0.
COLOR : BLACK
- TERMINAL MATERIAL : BeCu
- TERMINAL PLATING :
30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES.
100u"/2.54u MIN Sn. OVER Ni IN SOLDERING ZONES.
OTHERWISE GOLD FLASH OR UNPLATED. MATTE TIN FINISH
AT SOLDERING ZONE.
- APPLICATION INFORMATION:
 - RECOMMENDED MOUNTING PAD PATTERN IS
SHOWN IN FIGURE "A".
 - MATING PINS TO BE .0176/-.447 TO .0181/-.459 DIA.
 - MATING PIN TIPS TO BE IN TRUE POSITION TO MATING
GRID WITHIN .008/-.20 DIA.
 - 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).
- SOLDERTAIL SHALL BE FINISHED IN ACCORDANCE WITH MIL-STD-1276.
HOT SOLDER DIP (FINISH 51) OR FUSED (REFLOWED) TIN LEAD PLATE
(FINISH 34). 100u"/2.54u MIN.



- ADD "TR" TO END OF DASH NUMBER FOR TAPE AND REEL PACKAGING
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.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 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 NOTES/PROCEDURES IF THEY ARE AVAILABLE.

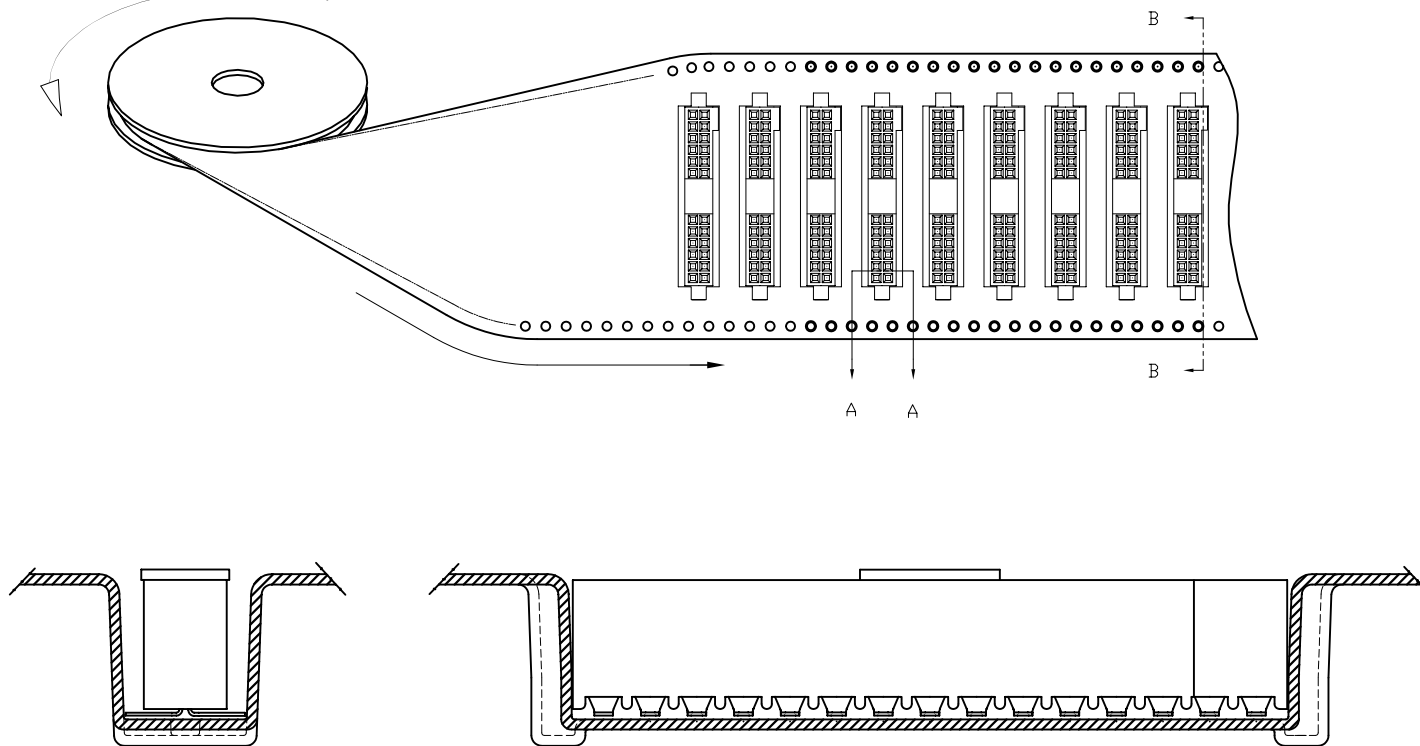
mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
Y				angles	linear	.XX±.01/0.3			.050 CC VERT. C.C. ASS'Y.				
						.XXX±.005/0.13		SUR. MOUNT—POL.					
				0'±2"		XXXX±.0020/0.051		scale 4:1		dwg no			
				dr	D. SHEAFFER	12/6/88			sheet 2 of 3 size				
				engr	J. OSWALD	12/6/88			87022				
				chr	J. OSWALD	12/6/88			A3				
				appd	J. OSWALD	12/6/88			type Product Customer Drawing				
sheet index		revision sheet											

PRODUCT NUMBER
SEE TABLE

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	ecm no	dr	date	tolerances unless otherwise specified		INCH/MM scale 4:1	title
Y				angles	linear		.050 CC VERT. C.C. ASS'Y.
				0°±2°			SUR. MOUNT-POL.
				dr	D. SHEAFFER	12/6/88	dwg no
				enr	J. OSWALD	12/6/88	sheet 3 of 3 size
				chr	J. OSWALD	12/6/88	87022 A3
				appd	J. OSWALD	12/6/88	type
sheet	revision						Product Customer Drawing
index	sheet						