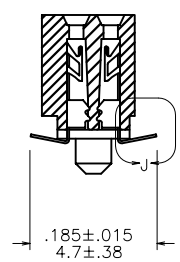
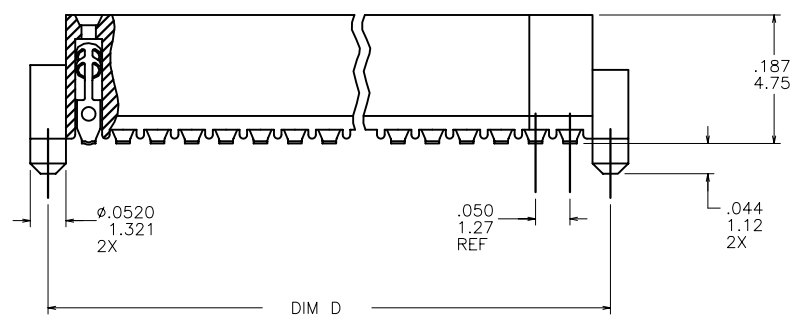
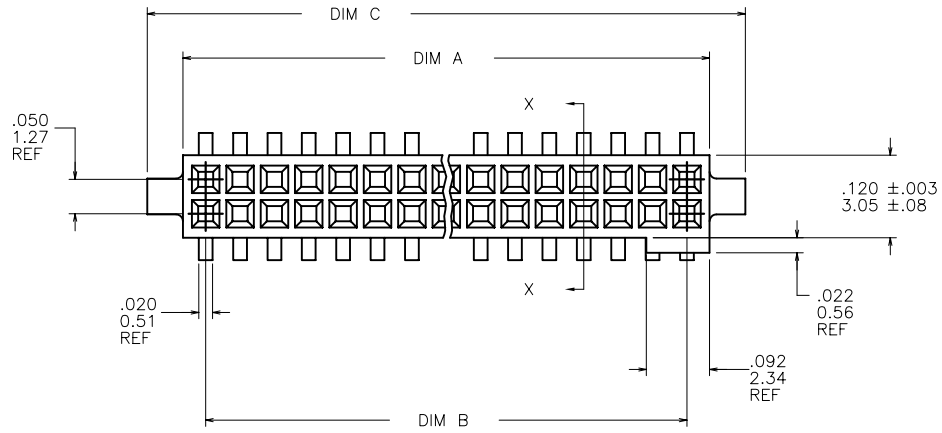
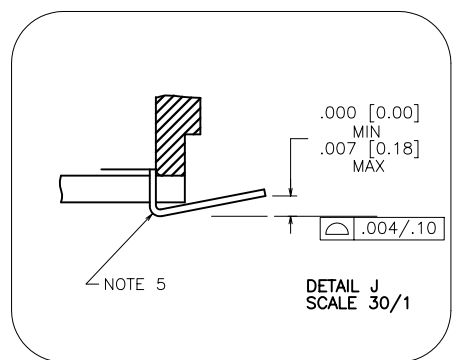


PRODUCT NUMBER
SEE TABLE



SECTION X-X

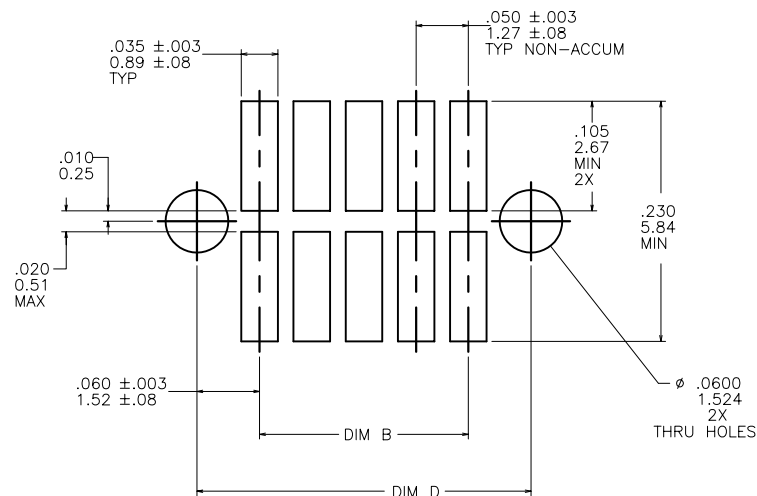


mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIB CAGE			
ltr ecn no dr date				tolerances unless otherwise specified						title			
V	v02780	DLW	12/01/00	angles linear	XX ±.01/.3		INCH/MM		.050cc VERT. SMT. W/LOC. & POL. FEATURE				
W	v10994	DLW	03/09/01		XXX ±.005/.13								
X	v11674	CRG	02/28/02		XXXX ±.0020/.050								
σ±2°				scale 1:1									
Y	v20420	CRG	2/28/02	dr	M. CLOUSER	6/26/91				dwg no		sheet 1 of 3	size
AA	M05-0123	MHT	06/06/05	engr	B. BARUFFALO	6/26/91				87024		A3	
AB	M06-0284	AEA	07/27/06	chr	B. BARUFFALO	6/26/91				type		Product Customer Drawing	
AC	M08-0053	CMR	02/27/08	appd	B. BARUFFALO	6/26/91							
sheet index		revision sheet		AC	AC	AC							
				1	2	3							

PRODUCT NO. NOTE 9	SIZE	DIM A	DIM B	DIM C	DIM D	SPECIAL PACKAGING	TAPE WIDTH PITCH	PIECES PER REEL
87024-605	2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128	NOTE 6	24mm 12mm	750
-610	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478	NOTE 6	24mm 12mm	750
-610P	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478	NOTE 8	24mm 16mm	500
-615	2 X 15	.766/19.456	.700/17.78	.870/22.098	.8200/20.828	NOTE 6	44mm 12mm	500
-620	2 X 20	1.016/25.806	.950/24.13	1.120/28.448	1.0700/27.178	NOTE 7	-----	
-625	2 X 25	1.266/32.156	1.200/30.48	1.370/34.798	1.3200/33.528	NOTE 6	56mm 12mm	500
-630	2 X 30	1.516/38.506	1.450/36.83	1.620/41.148	1.5700/39.878	NOTE 6 & 7	56mm 12mm	500
-635	2 X 35	1.766/44.856	1.700/43.18	1.870/47.498	1.8200/46.228	NO	-----	
-640	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578	NOTE 6 & 7	56mm 12mm	500
-645	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928	NO	-----	
87024-650	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278	NOTE 7	-----	
87024-605LF	2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128	NOTE 6	24mm	750

NOTES:

- HOUSING MATERIAL:
LCP GLASS FILLED FLAME RETARDANT PER UL 94V-0
COLOR: BLACK
- TERMINAL MATERIAL: BeCu
- TERMINAL PLATING:
30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES,
100u"/2.54u MIN TIN LEAD OVER Ni IN SOLDERING ZONES,
OTHERWISE GOLD FLASH OR UNPLATED.
LEAD FREE OPTION:
30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES,
100u"/2.54u MIN TIN 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 .006/-.15 DIA.
D. SUGGESTED MATING PIN LENGTH .130/3.30
±.010/-.25.
E. LEAD TIPS TO BE ABOVE HEEL, UP TO .007/0.18 MAX.
COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- 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 CAP FOR
VACUUM PICKUP IN TUBE.
- CUSTOMER SPECIAL, TAPE AND REEL PACKAGING, TOOLED
ONLY FOR NOTED CONNECTOR.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- IF LF P/N THE 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 HEATING
OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.



**FIGURE A
RECOMMENDED
P.C.B. LAYOUT**

mat'l. code				surface	ISO 1302	tolerance	ISO 406	projection	product family
-							ISO 1101		RIB CAGE
ltr	ecr no	dr	date	tolerances unless otherwise specified				INCH/MM	title
AC				angles	linear	xx ±.01/.3			
						xxx ±.005/.13			
				0°±2°		xxxx ±.0020/.050		scale 1:1	sheet 2 of 3 size
				dr	M. CLOUSER	6/26/91		FCJ	dwg no
				engr	B. BARUFFALO	6/26/91			87024
				chr	B. BARUFFALO	6/26/91			A3
				appd	B. BARUFFALO	6/26/91			type
sheet	revision								Product Customer Drawing
index	sheet								

1

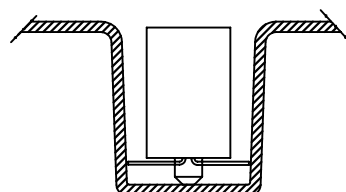
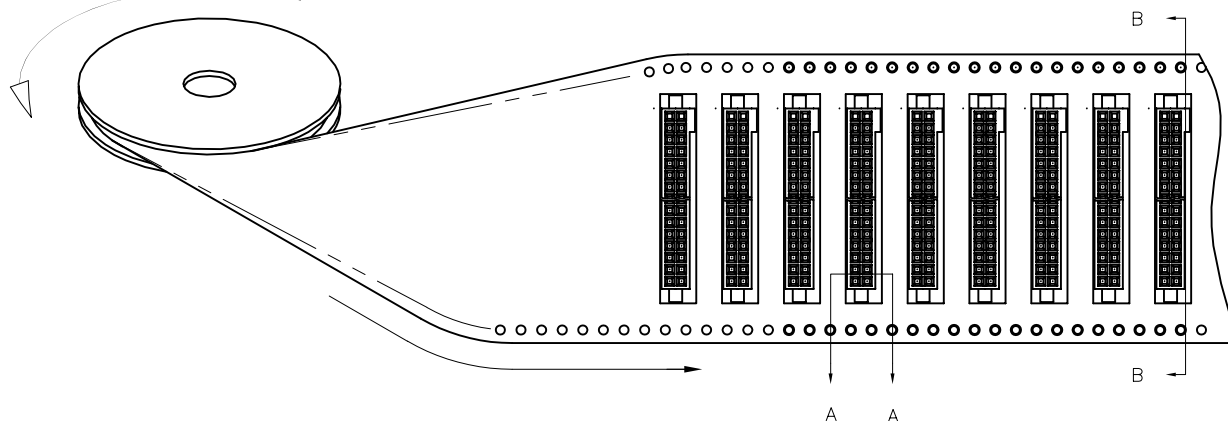
2 3

4

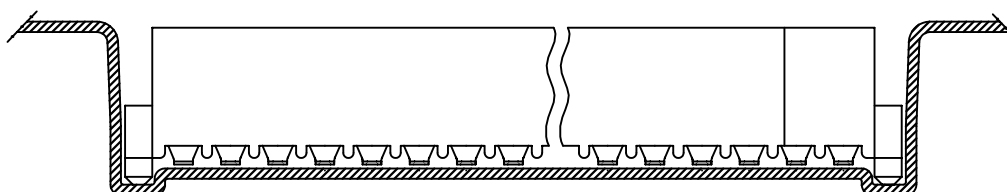
5

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REFERENCE ONLY

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

SECTION A-A



SECTION B-B

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406 ISO 1101		RIB CAGE
litr	ecm no	dr	date	tolerances unless otherwise specified			title
AC				angles	linear	INCH/MM	.050cc VERT. SMT.
					xx ±.01/.3		W/LOC. & POL. FEATURE
					xxx ±.005/.13	scale 1:1	
				0°±2°	xxxx ±.0020/.050		
		dr	M. CLOUSER	6/26/91			dwg no
		enr	B. BARUFFALO	6/26/91			87024
		chr	B. BARUFFALO	6/26/91			sheet 3 of 3 size
		appd	B. BARUFFALO	6/26/91			A3
sheet	revision						type
index	sheet						Product Customer Drawing