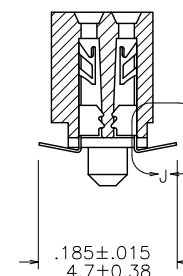
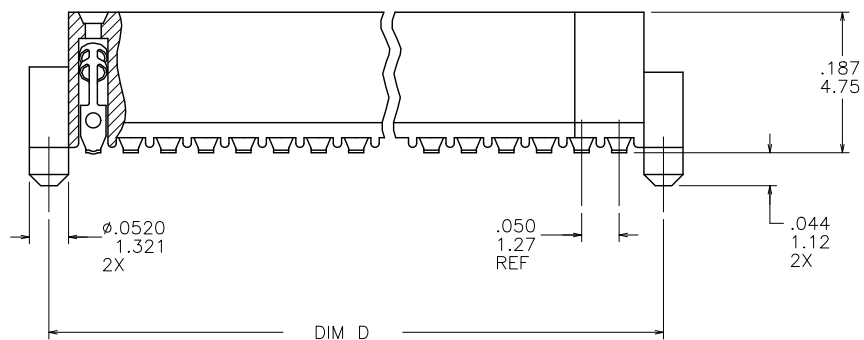
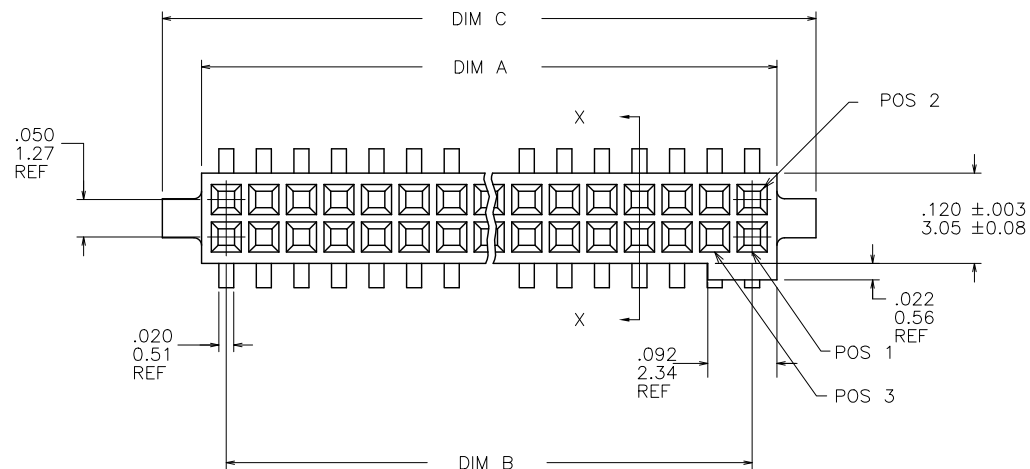
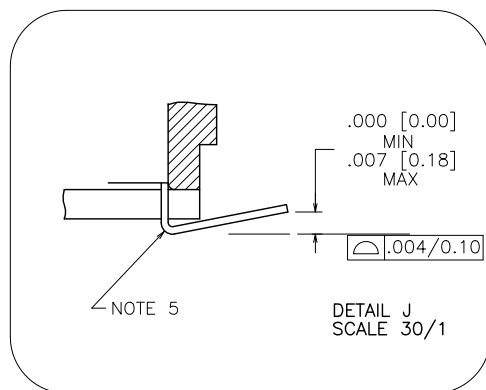


PRODUCT NUMBER
SEE TABLE



SECTION X-X

DETAIL J
SCALE 30/1

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			
AA	M05-0123	MHT	6/06/05	angles	linear	XX±.01/XX±0.3		INCH/MM	.050cc VERT. SMT. W/LOC. & POL. FEATURE				
AB	M06-0284	AEA	7/27/06			XXX±.005/XXX±0.13							
AC	M08-0053	CMR	2/27/08			XXXX±.0020/XXX±0.051							
AD	M09-0058	CMR	4/06/09	dr	M. CLOUSER	6/26/91			dwg no		sheet 1 of 3	size	
AE	M09-0071	MHT	4/30/09	enrg	B. BARUFFALO	6/26/91			87024		A3		
AF	N10-0174	YOH	6/17/10	chr	B. BARUFFALO	6/26/91							
AG	ELX-N-010202	YO	2/8/12	appd	B. BARUFFALO	6/26/91			type		Product	Customer	Drawing
sheet	revision	AG	AG	AG									
index	sheet	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	400
-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 6 & 7	44mm 12mm	500
-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	NOTE 6	72mm 12mm	500
-640	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578	NOTE 6 & 7	72mm 12mm	500
-645	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928	NOTE 6	72mm 12mm	500
87024-650	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278	NOTE 6 & 7	88mm 12mm	500

NOTES:

- HOUSING MATERIAL:
LCP GLASS FILLED FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL
- TERMINAL MATERIAL: BeCu
- TERMINAL PLATING:
30u"/.76um MIN HARD GOLD OR GXT OVER Ni ON CONTACT ZONES,
100u"/2.54um MIN TIN OVER Ni IN SOLDERING ZONES,
OTHERWISE GOLD FLASH OR UNPLATED.
- APPLICATION INFORMATION:
 - RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".
 - MATING PINS TO BE .0176/0.447 TO .0181/0.459 DIA.
 - MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .006/0.15 DIA.
 - SUGGESTED MATING PIN LENGTH .130/3.30 ±.010/0.25.
- 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 REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- PRODUCT SPEC PER BUS-12-087.

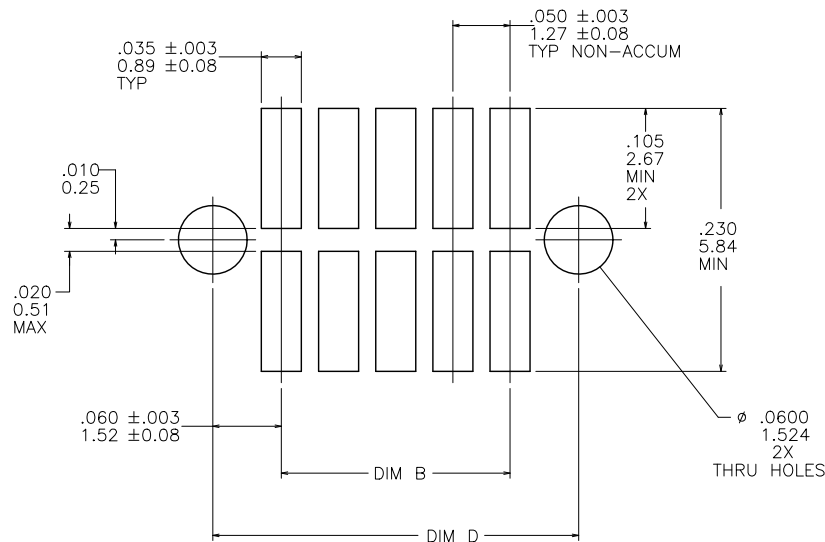


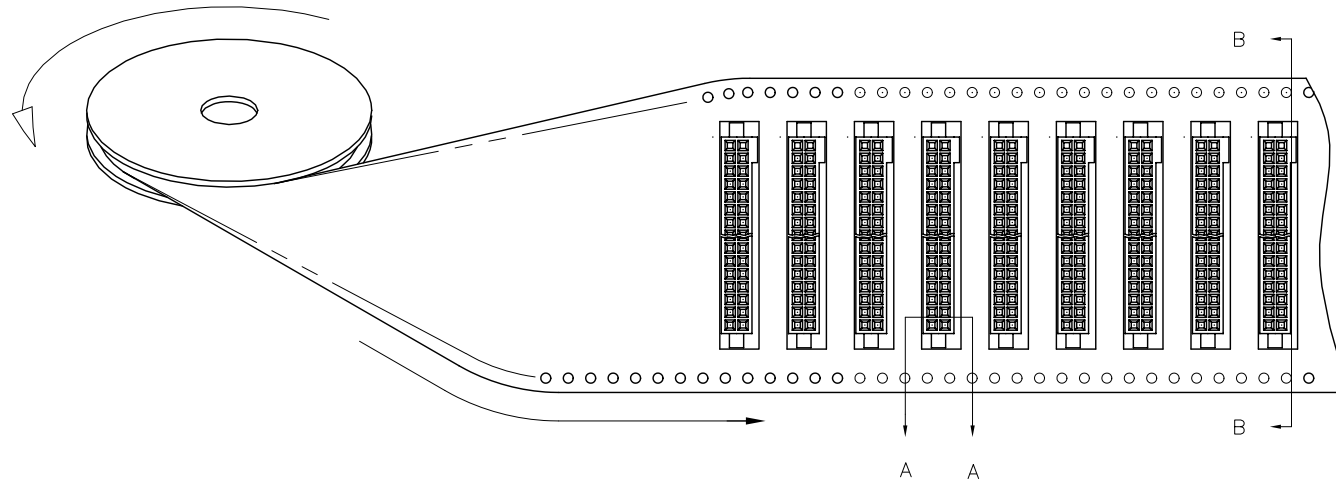
FIGURE A
RECOMMENDED
P.C.B. LAYOUT

mat'l. code				surface	tolerance	projection	product family		
-				ISO 1302 ✓	ISO 406 ISO 1101	INCH/MM	RIB CAGE		
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title		
AG					angles	linear	.050cc VERT. SMT.		
					σ±2'	linear	W/LOC. & POL. FEATURE		
					dr	M. CLOUSER	6/26/91	dwg no	sheet 2 of 3 size
					enrg	B. BARUFFALO	6/26/91	87024	A3
					chr	B. BARUFFALO	6/26/91	type	
					appd	B. BARUFFALO	6/26/91	Product Customer Drawing	
sheet	revision								
index	sheet								

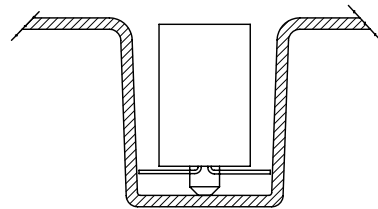
REFERENCE ONLY

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

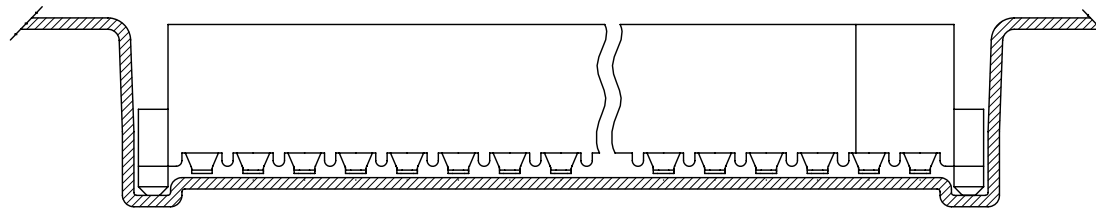
UNREELING
DIRECTION



SECTION A-A



SECTION B-B



mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIB CAGE					
ltr	ec	no	dr	date						title					
AG				angles		linear	XX±.01 / X±0.3		INCH/MM		.050cc VERT. SMT. W/LOC. & POL. FEATURE				
					XXX±.005 / XX±0.13										
				0'±2'	XXXX±.0020 / XXX±0.051										
				dr	M. CLOUSER		6/26/91				dwg no		sheet 3 of 3		size
				enrg	B. BARUFFALO		6/26/91				87024		A3		
				chr	B. BARUFFALO		6/26/91								
				appd	B. BARUFFALO		6/26/91								
sheet index		revision sheet								type Product Customer Drawing					