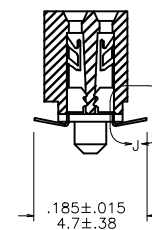
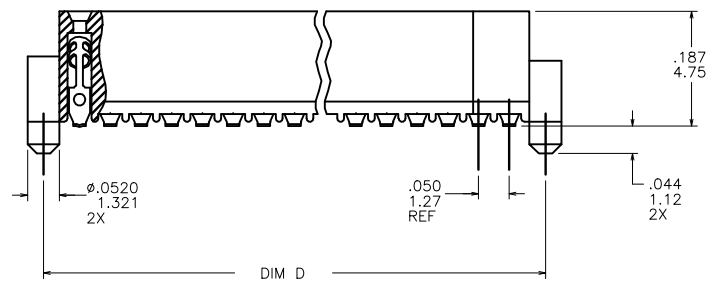
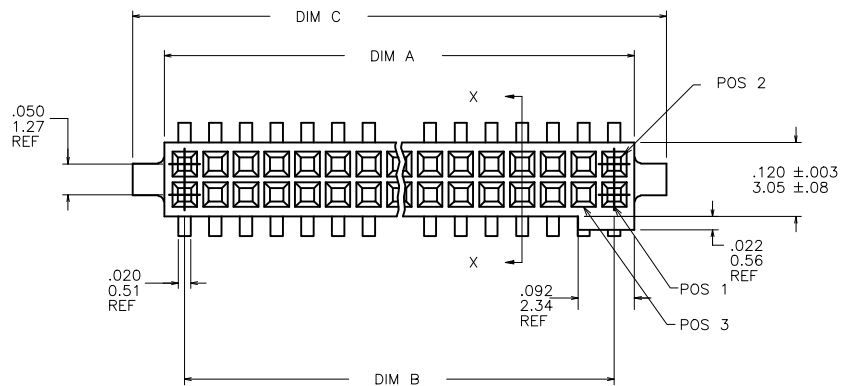
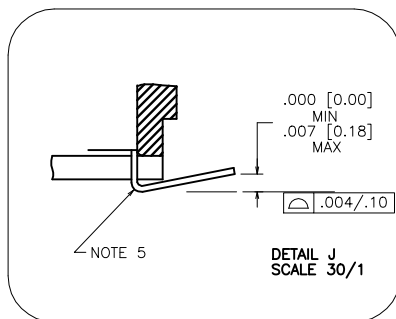


PRODUCT NUMBER
SEE TABLE



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									
X	V11674	CRG	02/28/02	angles	linear	XX±.01/XX±0.3		INCH/MM	title .050cc VERT. SMT. W/LOC. & POL. FEATURE				
Y	V20420	CRG	2/28/02			XXX±.005/XX±0.13							
AA	M05-0123	MHT	6/06/05	σ±z		XXXX±.0020/XXXX±0.051		scale 1:1					
AB	M06-0284	AEA	7/27/06	dr	M. CLOUSER	6/26/91			dwg no			sheet 1 of 3	size
AC	M08-0053	CMR	2/27/08	engr	B. BARUFFALO	6/26/91			87024			A3	
AD	M09-0058	CMR	4/06/09	chr	B. BARUFFALO	6/26/91							
AE	M09-0071	MHT	4/30/09	appd	B. BARUFFALO	6/26/91			type			Product Customer Drawing	
sheet index	revision	AE	AE	AE									
	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	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: NATURAL
- 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.
- 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.

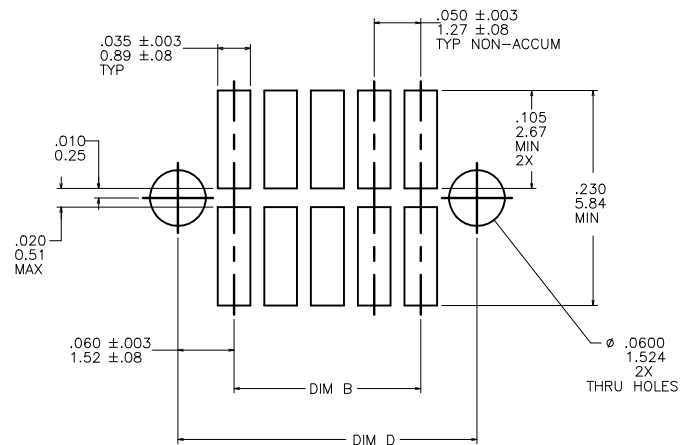


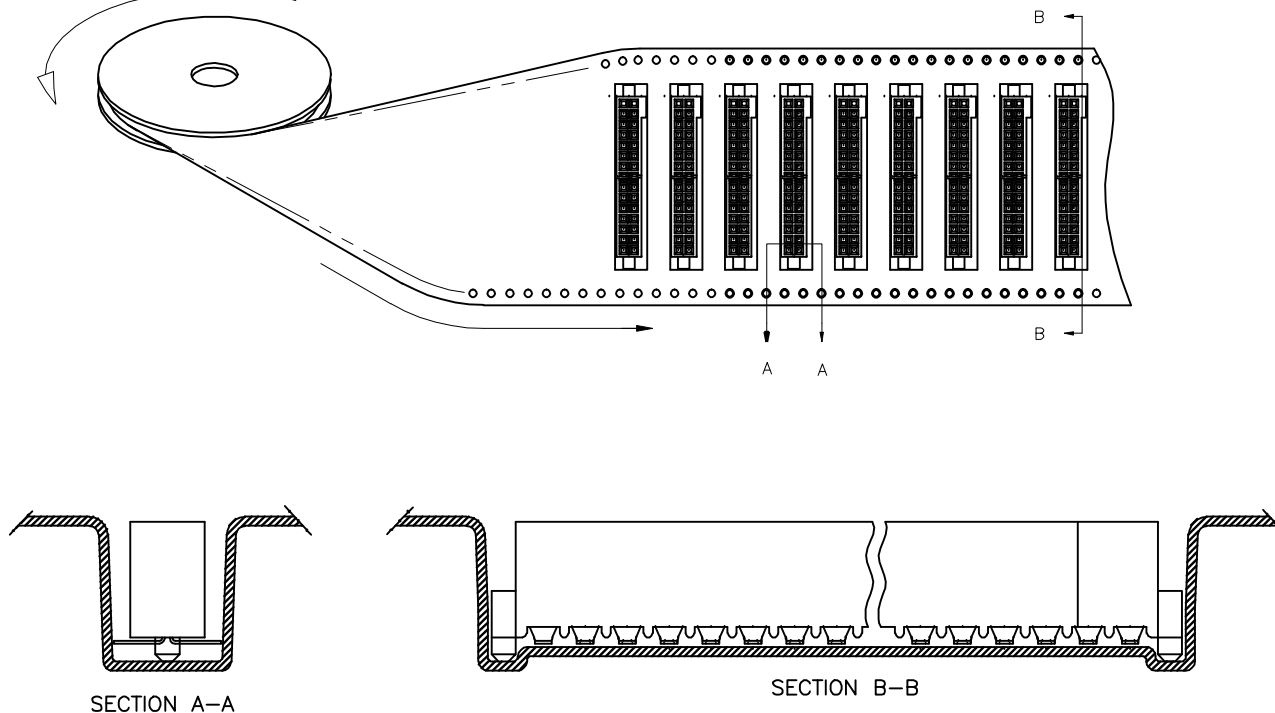
FIGURE A
RECOMMENDED
P.C.B. LAYOUT

mat'l. code	—	surface	ISO 1502	tolerance	ISO 406	projection	product family
lit	ecr no	dr	date	tolerances unless otherwise specified	ISO 1101	INCH/MM	RIB CAGE
AE				angles	linear	scale 1:1	title
				σ±z	XXXX.005/XXXX.013		.050cc VERT. SMT.
				dr	M. CLOUSER	6/26/91	W/LOC. & POL. FEATURE
				eng	B. BARUFFALO	6/26/91	dwg no
				chr	B. BARUFFALO	6/26/91	sheet 2 of 3
				appd	B. BARUFFALO	6/26/91	size
sheet	revision						87024
index	sheet						A3
							type
							Product Customer Drawing

UNREELING
DIRECTION

REFERENCE ONLY

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



mat'l. code				surface	tolerance	projection	product family
---				ISO 1302	ISO 406 ISO 1101	ISO 1502	RIB CAGE
litr	ecm no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 1:1	title
AE				angles	linear		.050cc VERT. SMT.
							W/LOC. & POL. FEATURE
				dr	M. CLOUSER	6/26/91	dwg no
				engr	B. BARUFFALO	6/26/91	sheet 3 of 3
				chr	B. BARUFFALO	6/26/91	size
				appd	B. BARUFFALO	6/26/91	A3
sheet	revision						type
index	sheet						Product Customer Drawing