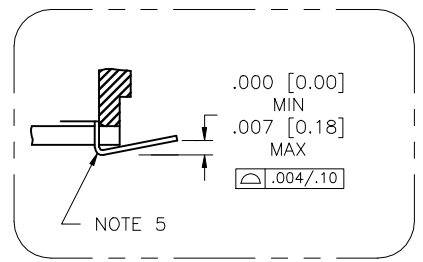
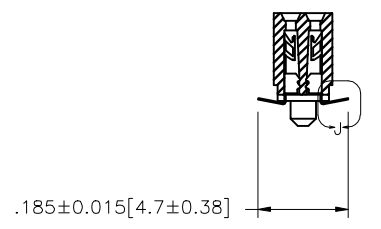
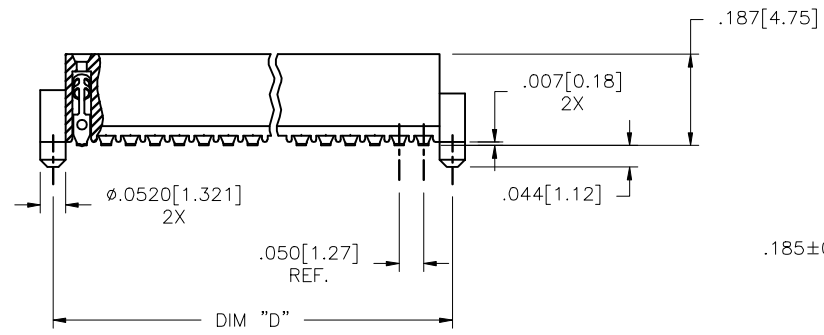
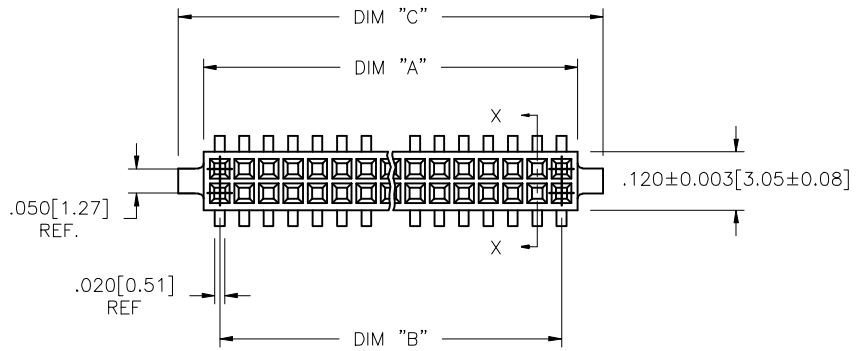


PRODUCT NUMBER
SEE TABLE



DETAIL J
SCALE 10/1

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406 ISO 1101				RIB CAGE	
title		tolerances unless otherwise specified				.050cc VERT. CARD CONN.			
ltr	ecn no	dr	date	angles	linear	INCH/MM		SURF. MT. W/LOC. FEATURES	
AA	V10994	DLW	3/09/01					dwg no	
AB	V11674	CRG	6/22/01					87023	
AC	M05-0084	MHT	5/05/05	α±2'		scale 3:1		sheet 1 of 4 size	
AD	M06-0284	AEA	7/27/06	dr	M. CLOUSER	5/25/91		A3	
AE	M07-0267	MHT	6/08/07	engr	B. BARUFFALO	5/25/91			
AF	M07-0345	AGS	7/26/07	chr	B. BARUFFALO	5/25/91			
AG	M09-0058	CMR	4/06/09	appd	B. BARUFFALO	5/25/91		type Product Customer Drawing	
sheet	revision	AG	AG	AG	AG				
index	sheet	1	2	3	4				

PRODUCT NO.
87023 - XXX

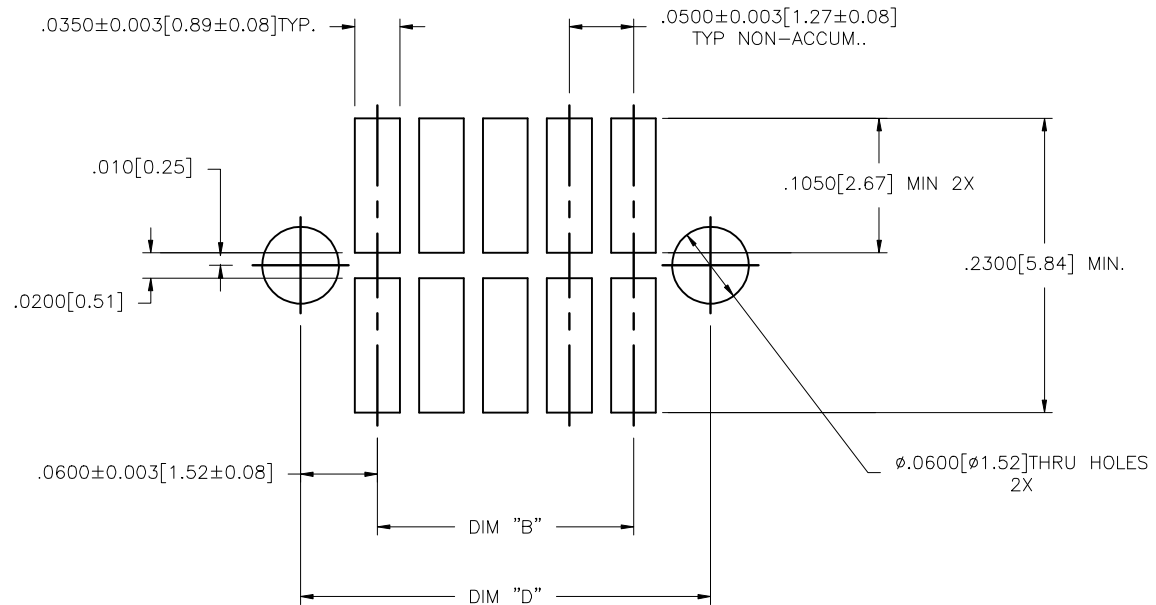
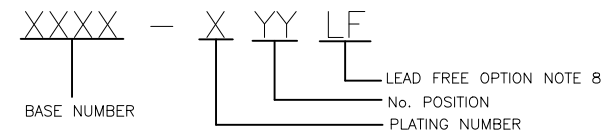


FIGURE A
RECOMMENDED
P.C.B. LAYOUT

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406 ISO 1101				RIB CAGE	
ltr		ecn no		dr		date		title	
AG								.050cc VERT. CARD CONN. SURF. MT. W/LOC. FEATURES	
		angles		linear		INCH/MM		scale 3:1	
		°±2'		xx ±.01/.3 xxx ±.005/.13 xxxx ±.0020/.050				dwg no	
		dr		M. CLOUSER		5/25/91		sheet 2 of 4 size	
		engr		B. BARUFFALO		5/25/91		A3	
		chr		B. BARUFFALO		5/25/91		87023	
		appd		B. BARUFFALO		5/25/91		type Product Customer Drawing	
sheet		revision							
index		sheet							

PRODUCT NO. NOTE 8	SIZE	DIM A	DIM B	DIM C	DIM D	SPECIAL PACKAGING	TAPE WIDTH PITCH	PIECES PER REEL
87023-605	2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128	NO	—	—
-610	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478	NOTE 6	24mm 12mm	750
-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	NO	—	—
-640	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578	NOTE 7	—	—
-645	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928	NO	—	—
-650	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278	NO	—	—
-905	2 X 5	.266/6.756	.200/5.08	.370/9.398	.3200/8.128	NO	—	—
-910	2 X 10	.516/13.106	.450/11.43	.620/15.748	.5700/14.478	NO	—	—
-915	2 X 15	.766/19.456	.700/17.78	.870/22.098	.8200/20.828	NO	—	—
-920	2 X 20	1.016/25.806	.950/24.13	1.120/28.448	1.0700/27.178	—	—	—
-925	2 X 25	1.266/32.156	1.200/30.48	1.370/34.798	1.3200/33.528	NO	—	—
-930	2 X 30	1.516/38.506	1.450/36.83	1.620/41.148	1.5700/39.878	NO	—	—
-935	2 X 35	1.766/44.856	1.700/43.18	1.870/47.498	1.8200/46.228	NO	—	—
-940	2 X 40	2.016/51.206	1.950/49.53	2.120/53.848	2.0700/52.578	NO	—	—
-945	2 X 45	2.266/57.556	2.200/55.88	2.370/60.198	2.3200/58.928	NO	—	—
87023-950	2 X 50	2.516/63.906	2.450/62.23	2.620/66.548	2.5700/65.278	NO	—	—



NOTES:

- ① HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL
- ② TERMINAL MATERIAL: BeCu
- ③ TERMINAL PLATING:
LEAD FREE OPTION
-6XXLF- 30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES.
100u"/2.54u MIN PURE TIN OVER Ni
IN SOLDERING ZONES, OTHERWISE GOLD FLASH OR UNPLATED.
-9XXLF- 60u"/1.52u MIN HARD GOLD ON CONTACT ZONES,
100u"/2.54u MIN PURE TIN OVER Ni
OVER Ni IN SOLDERING ZONES, OTHERWISE GOLD FLASH OR UNPLATED.
TIN LEAD OPTION
-6XX- 30u"/.76u MIN HARD GOLD OVER Ni ON CONTACT ZONES.
100u"/2.54u MIN SnPb OVER Ni
IN SOLDERING ZONES, OTHERWISE GOLD FLASH OR UNPLATED.
- 4 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.

- ⑤ LEAD TIPS TO BE ABOVE HEEL, UP TO .007/0.18 MAX. COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- ⑥ ADD "TR" TO END OF DASH NUMBER FOR TAPE AND REEL PACKAGED WITH CAP. TOOLED ONLY FOR NOTED CONNECTORS.
- 7. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH CAP FOR VACUUM PICKUP IN TUBE.
- ⑧ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 9. 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.
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406	ISO 1101	RIB CAGE
ltr	ecp no	dr	date	title
AG				.050cc VERT. CARD CONN. SURF. MT. W/LOC. FEATURES
	angles	linear	xx ±.01/.3 xxx ±.005/.13 0±z	INCH/MM Scale 3:1
	dr	engr	chr	appd
	M. CLOUSER	B. BARUFFALO	B. BARUFFALO	B. BARUFFALO
	5/25/91	5/25/91	5/25/91	5/25/91
sheet	revision			
index	sheet			



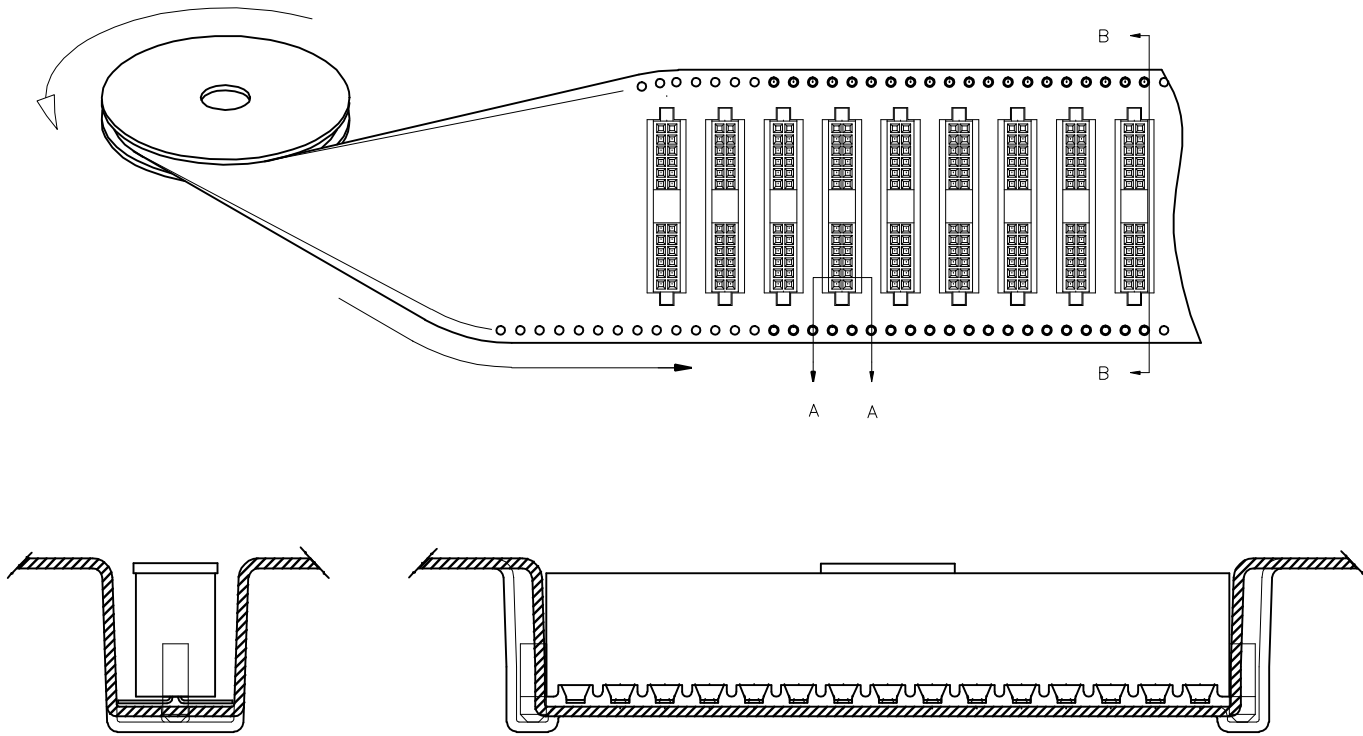
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PRODUCT NUMBER
SEE TABLE

UNREELING
DIRECTION

REFERENCE ONLY

TAPE 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	
tr		ecn no		dr		date		title	
AG								.050cc VERT. CARD CONN.	
								SURF. MT. W/LOC. FEATURES	
								dwg no	
								87023	
								sheet 4 of 4 size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							



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form A3