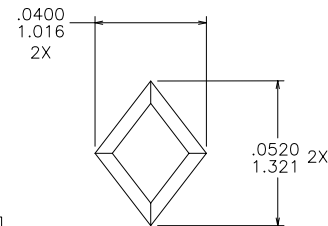
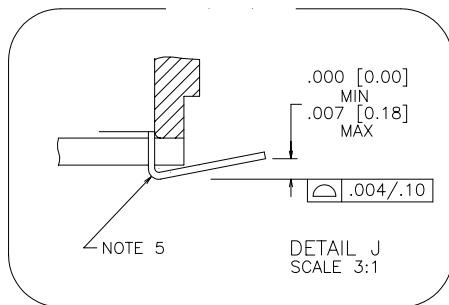
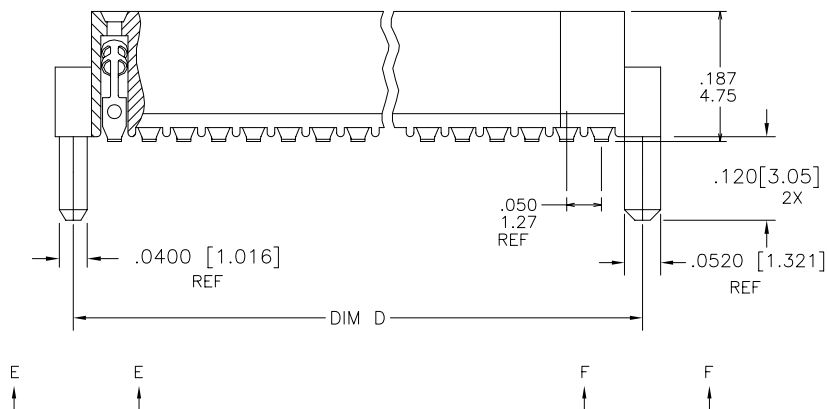
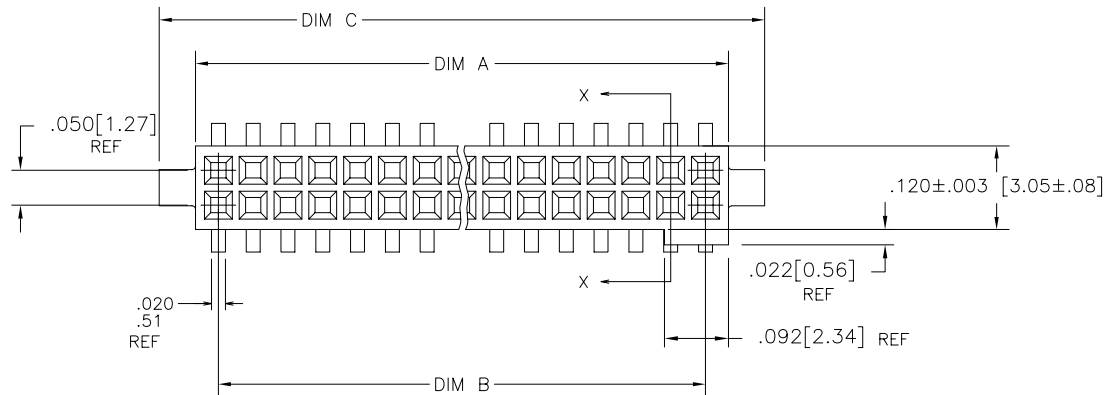
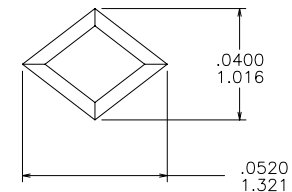
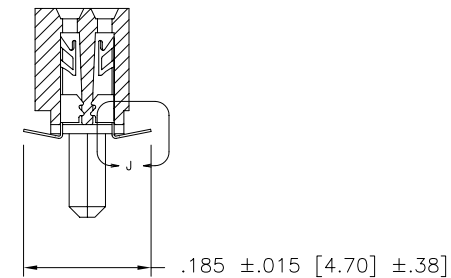




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PRODUCT NUMBER
SEE TABLEVIEW E-E
SCALE 4:1VIEW F-F
SCALE 4:1

SECTION X-X

mat'l. code				surface		tolerance	projection	product family		
-				ISO 1302 ✓		ISO 406 ISO 1101		RIB CAGE		
ltr	ecn no	dr	date	tolerances unless otherwise specified			INCH/MM	title		
P	V10994	DLW	3/09/01	angles	linear	xx ±.01/.3		.050/1.27cc V.C.C. SURFACE		
R	V11674	CRG	6/22/01			xxx ±.005/.13	scale 4:1	MOUNT W/POL/HOLD DOWN		
S	M05-0123	ERE	6/10/05	0°±2'		xxxx ±.0020/.050		dwg no		
T	M06-0123	ERE	7/27/06	dr	J. MUSTARD	3/25/91	FCI	sheet 1 of 3 size		
U	M07-0053	MHT	1/22/07	enr	M. HAHN	3/25/91		87471 A3		
V	M07-0267	MHT	6/08/07	chr	G. GINGRICH	3/25/91		type		
W	M07-0345	AGS	7/26/07	appd	M. HAHN	3/25/91		Product Customer Drawing		
sheet	revision	W	W	W						
index	sheet	1	2	3						

form: A3

PRODUCT NO. NOTE 8	SIZE	DIM A	DIM B	DIM C	DIM D	SPECIAL PACKAGING	TAPE WIDTH
87471-605	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128	NOTE 7	44mm
-610	2 X 10	.516/13.11	.450/11.43	.620/15.75	.5700/14.478		
-615	2 X 15	.766/19.46	.700/17.78	.870/22.10	.8200/20.828		
-620	2 X 20	1.016/25.81	.950/24.13	1.120/28.45	1.0700/27.178		
-625	2 X 25	1.266/32.16	1.200/30.48	1.370/34.80	1.3200/33.528		
-630	2 X 30	1.516/38.51	1.450/36.83	1.620/41.15	1.5700/39.878		
-635	2 X 35	1.766/44.86	1.700/43.18	1.870/47.50	1.8200/46.228		
-640	2 X 40	2.016/51.21	1.950/49.53	2.120/53.85	2.0700/52.578		
-645	2 X 45	2.266/57.56	2.200/55.88	2.370/60.20	2.3200/58.928		
87471-650	2 X 50	2.516/63.91	2.450/62.23	2.620/66.55	2.5700/65.278		
87471-905	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128		
-910	2 X 10	.516/13.11	.450/11.43	.620/15.75	.5700/14.478		
-915	2 X 15	.766/19.46	.700/17.78	.870/22.10	.8200/20.828		
-920	2 X 20	1.016/25.81	.950/24.13	1.120/28.45	1.0700/27.178		
-925	2 X 25	1.266/32.16	1.200/30.48	1.370/34.80	1.3200/33.528		
-930	2 X 30	1.516/38.51	1.450/36.83	1.620/41.15	1.5700/39.878		
-935	2 X 35	1.766/44.86	1.700/43.18	1.870/47.50	1.8200/46.228		
-940	2 X 40	2.016/51.21	1.950/49.53	2.120/53.85	2.0700/52.578		
-945	2 X 45	2.266/57.56	2.200/55.88	2.370/60.20	2.3200/58.928		
87471-950	2 X 50	2.516/63.91	2.450/62.23	2.620/66.55	2.5700/65.278		

XXXX - X YY LF
 BASE NUMBER LEAD FREE OPTION NOTE 8
 No. POSITION
 PLATING NUMBER NOTE 3

NOTES :

- HOUSING MATERIAL :
GLASS FILLED THERMOPLASTIC FLAME RETARDANT
PER UL 94-0 COLOR : BLACK
- TERMINAL MATERIAL : BeCu
- TERMINAL PLATING :
LEAD-FREE OPTION
-6XXLF 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
-9XXLF 60u"/1.52u MIN HARD GOLD OVER Ni ON CONTACT
ZONES. 100u"/2.54u MIN Sn 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 :

- RECOMMENDED MOUNTING PAD PATTERN IS
SHOWN IN FIGURE "A".
- MATING PINS TO BE .0176/.447 TO .0181/.459 THICK.
- 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).

- ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR
WITH VACUUM CAP IN TUBE.

- ADD "TR" TO END OF DASH NUMBER FOR TAPE AND REEL
PACKAGED WITH CAP. TOOLED ONLY FOR NOTED

- 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	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101	INCH/MM	RIB CAGE
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
W					angles linear	INCH/MM	.050/1.27cc V.C.C. SURFACE
					0°±2'	scale 8:1	MOUNT W/POL/HOLD DOWN
			dr	J. MUSTARD	3/25/91	FCI	dwg no
			enr	M. HAHN	3/25/91		sheet 2 of 3
			chr	G. GINGRICH	3/25/91		size
			appd	M. HAHN	3/25/91		A3
sheet	revision						type
index	sheet						Product Customer Drawing

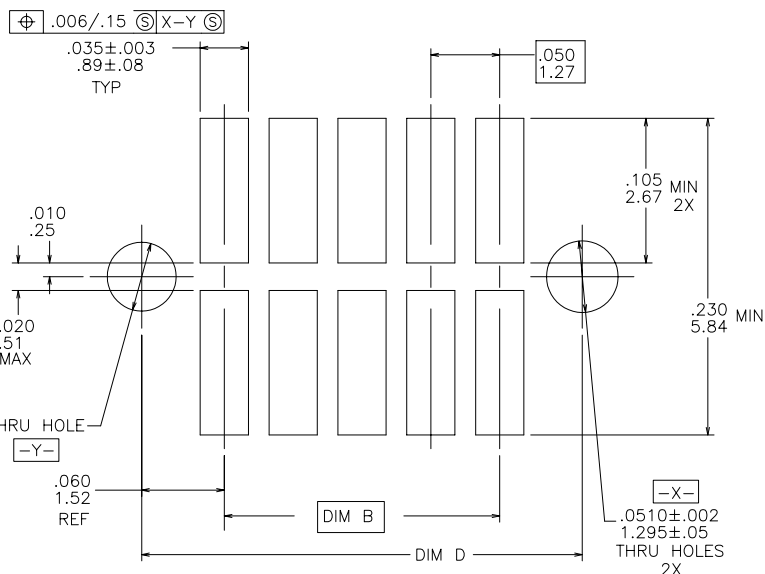


FIGURE A
RECOMMENDED
P.C.B. LAYOUT



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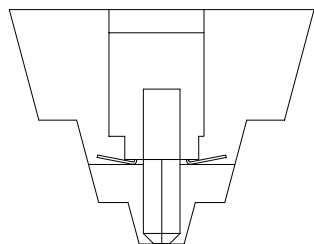
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PRODUCT NUMBER
SEE TABLE

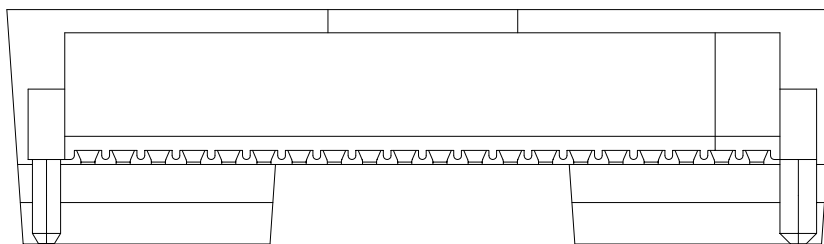
UNREELING
DIRECTION

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 NOTE 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIB CAGE			
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title			
W					angles		linear		XX ±.01/.3		INCH/MM scale 4:1		
									XXX ±.005/.13				
					0°±2'				XXXX ±.0020/.050				
					dr	J. MUSTARD		3/25/91		dwg no 87471 sheet3 of 3 sizeA			
					engr	M. HAHN		3/25/91					
					chr	G. GINGRICH		3/25/91					
					appd	M. HAHN		3/25/91					
sheet index		revision sheet								type Product Customer Drawing			

form: A3

PDM: Rev:W

STATUS Released

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