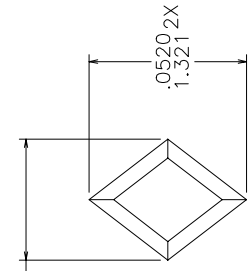
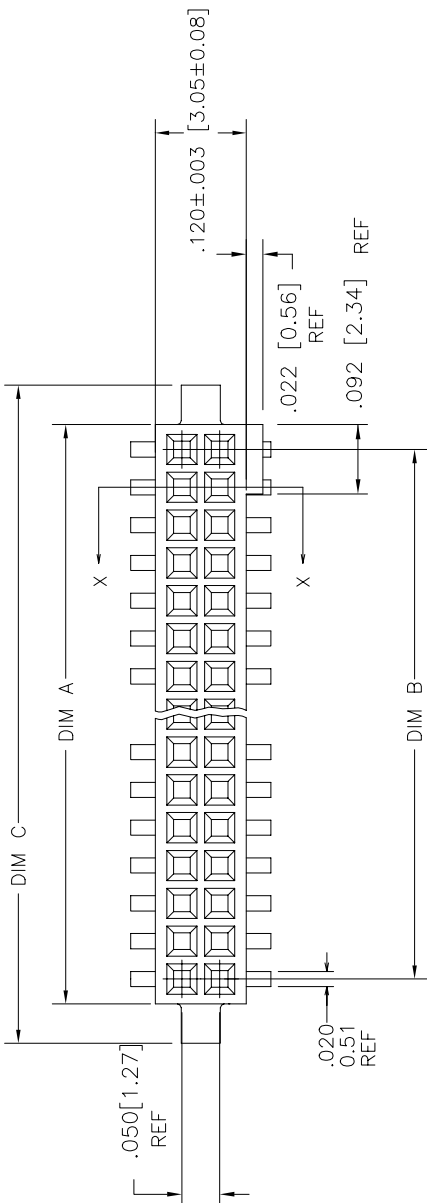
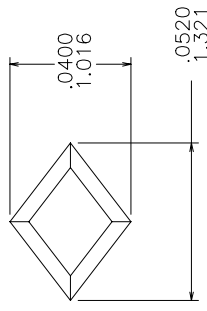


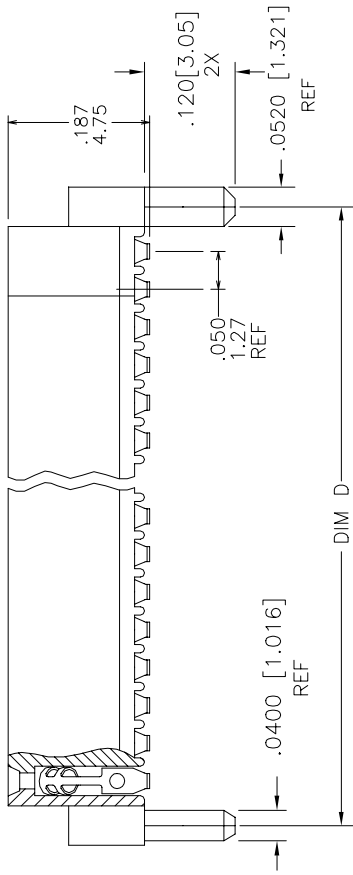
PRODUCT NUMBER  
SEE TABLE



VIEW E-E  
SCALE 4:1

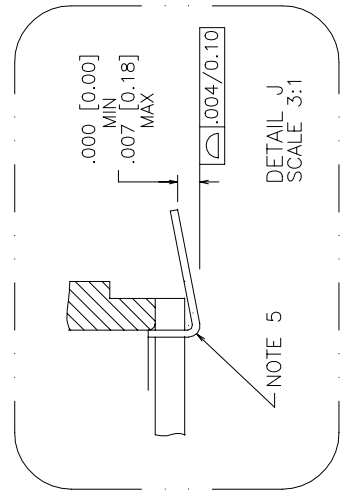


VIEW F-F  
SCALE 4:1



SECTION X-X

.185 ± .015 [4.70 ± 0.38]



DETAIL J  
SCALE 3:1

mat'l. code		surface		tolerance		projection		product family	
—		ISO 1302		ISO 406		1st angle		RIB CAGE	
itr		ecn no		date		tolerances unless otherwise specified		title	
A		—		GM		2013-01-16		.050/1.27cc V.C.C. SURFACE MOUNT w/POL. HOLD DOWN	
—		—		—		—		dwg no	
—		—		—		—		10124048	
—		—		—		—		sheet 1 of 3 size	
—		—		—		—		A3	
—		—		—		—		type	
—		—		—		—		Product Customer Drawing	
sheet index		revision		A		A		scale	
1		2		3		4		4:1	



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

NOTES :

- ① HOUSING MATERIAL : GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94-0 COLOR : NATURAL
- ② TERMINAL MATERIAL : BeCu
- ③ TERMINAL PLATING :  
 -6XXLF 30u" MIN GOLD OVER Ni ON CONTACT ZONES.  
 GOLD FLASH OVER Ni ON OTHERWISE ALL ZONES.  
 -9XXLF 60u" MIN GOLD OVER Ni ON CONTACT ZONES.  
 GOLD FLASH OVER Ni ON OTHERWISE ALL ZONES.
- 4. APPLICATION INFORMATION :  
 A. RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "A".  
 B. MATING PINS TO BE .0176/0.447 TO .0181/0.459 THICK.  
 C. MATING PIN TIPS TO BE IN TRUE POSITION TO MATING GRID WITHIN .008/0.20 DIA.  
 D. SUGGESTED MATING PIN LENGTH .130/3.30
- ⑤ LEAD TIPS TO BE ABOVE HEEL UP TO .007/0.18 MAX. COPLANARITY TO BE MEASURED AT LOWEST POINT (HEEL).
- 6. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN TUBE.
- ⑦ ADD "TR" TO END OF DASH NUMBER FOR TAPE AND REEL PACKAGED WITH CAP. TOOLED ONLY FOR NOTED
- ⑧ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION INFRARED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- 11. PRODUCT SPECIFICATION PER BUS-12-087.

PRODUCT NO. NOTE 8	SIZE	DIM A	DIM B	DIM C	DIM D	SPECIAL PACKAGING	TAPE WIDTH
10124048-605	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128	NOTE 7	24mm
↑	2 X 10	.516/13.11	.450/11.43	.620/15.75	.5700/14.478		
↑	2 X 15	.766/19.46	.700/17.78	.870/22.10	.8200/20.828		
↑	2 X 20	1.016/25.81	.950/24.13	1.120/28.45	1.0700/27.178	NOTE 7	44mm
↑	2 X 25	1.266/32.16	1.200/30.48	1.370/34.80	1.3200/33.528		
↑	2 X 30	1.516/38.51	1.450/36.83	1.620/41.15	1.5700/39.878		
↑	2 X 35	1.766/44.86	1.700/43.18	1.870/47.50	1.8200/46.228		
↑	2 X 40	2.016/51.21	1.950/49.53	2.120/53.85	2.0700/52.578		
↑	2 X 45	2.266/57.56	2.200/55.88	2.370/60.20	2.3200/58.928		
10124048-650	2 X 50	2.516/63.91	2.450/62.23	2.620/66.55	2.5700/65.278	NOTE 7	88mm
↑	2 X 5	.266/6.76	.200/5.08	.370/9.40	.3200/8.128	NOTE 7	24mm
↑	2 X 10	.516/13.11	.450/11.43	.620/15.75	.5700/14.478		
↑	2 X 15	.766/19.46	.700/17.78	.870/22.10	.8200/20.828		
↑	2 X 20	1.016/25.81	.950/24.13	1.120/28.45	1.0700/27.178	NOTE 7	44mm
↑	2 X 25	1.266/32.16	1.200/30.48	1.370/34.80	1.3200/33.528		
↑	2 X 30	1.516/38.51	1.450/36.83	1.620/41.15	1.5700/39.878		
↑	2 X 35	1.766/44.86	1.700/43.18	1.870/47.50	1.8200/46.228		
↑	2 X 40	2.016/51.21	1.950/49.53	2.120/53.85	2.0700/52.578		
↑	2 X 45	2.266/57.56	2.200/55.88	2.370/60.20	2.3200/58.928		
10124048-950	2 X 50	2.516/63.91	2.450/62.23	2.620/66.55	2.5700/65.278	NOTE 7	88mm

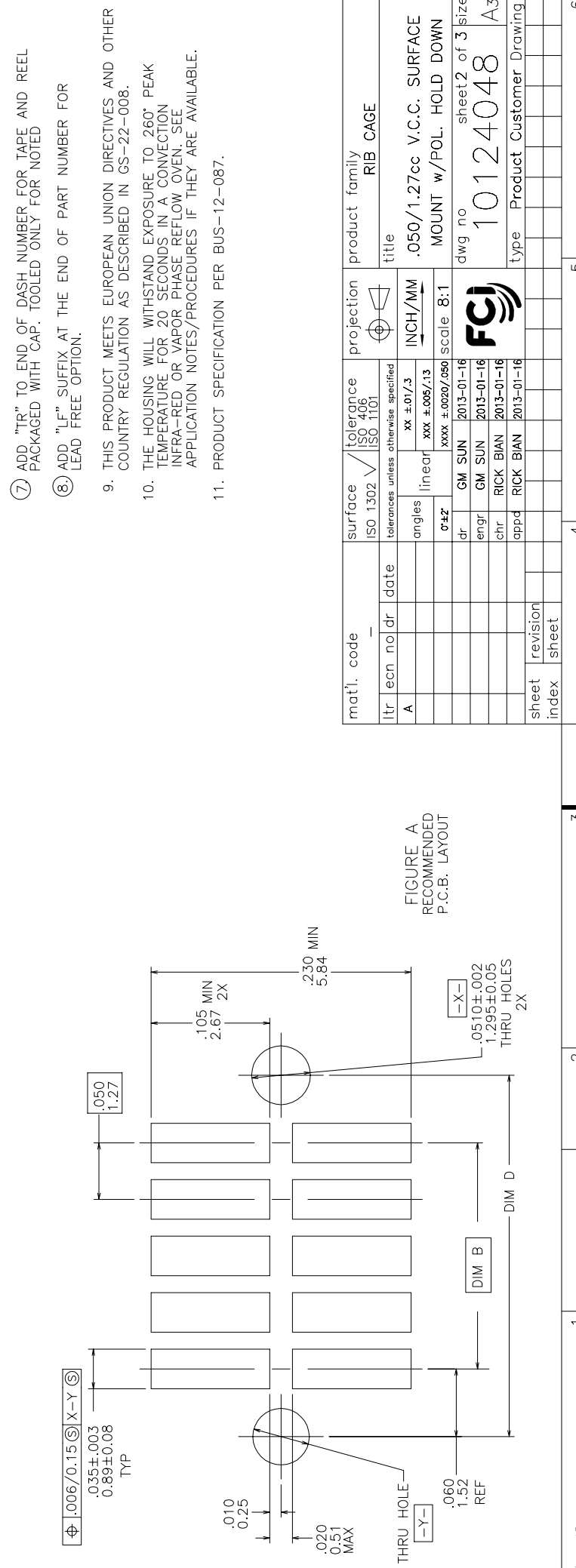


FIGURE A  
 RECOMMENDED  
 P.C.B. LAYOUT

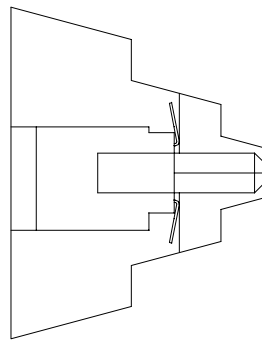
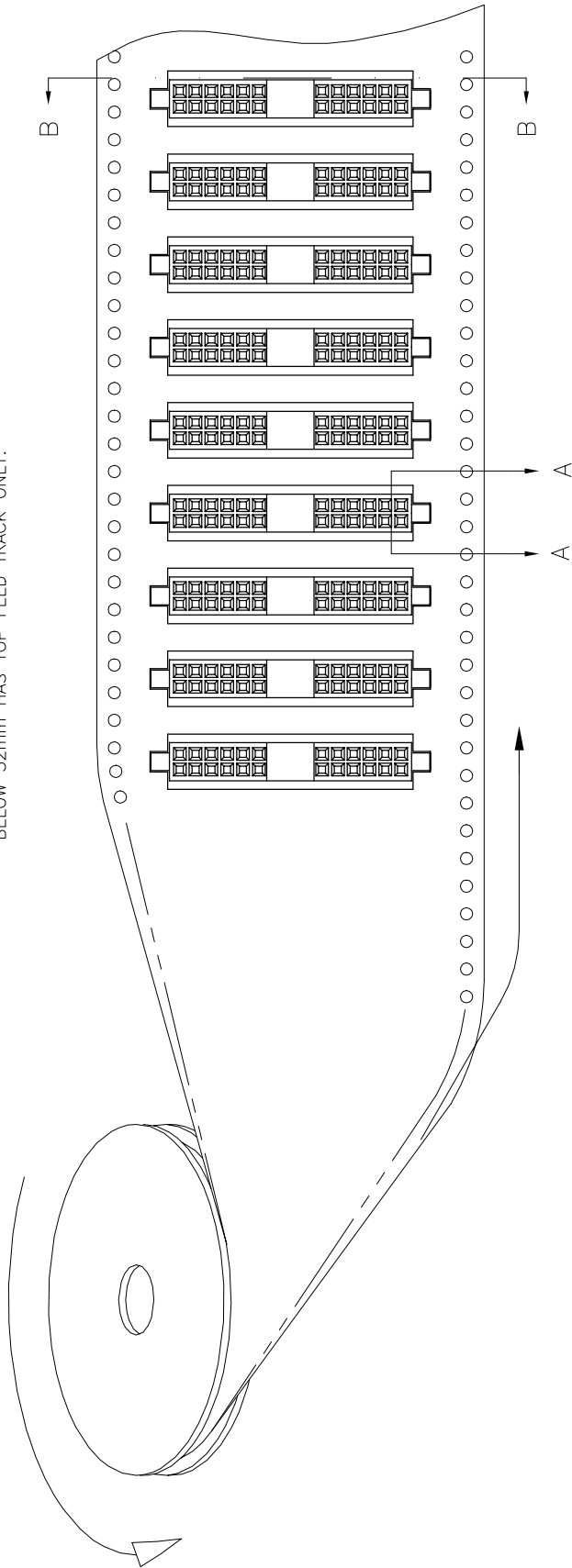
mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	RIB CAGE	
ISO 1101	ISO 1101	ISO 1101	title	
tolerances unless otherwise specified	linear	angular	INCH/MM	
XX ±.01/3	XXX ±.005/.13	XXX ±.0020/.050	scale 8:1	
dr GM SUN 2013-01-16	engr GM SUN 2013-01-16	chr RICK BIAN 2013-01-16	dwg no	sheet 2 of 3 size
appd RICK BIAN 2013-01-16			10124048	A3
revision	sheet	index	type	Product Customer Drawing
			MOUNT w/POL. HOLD DOWN	

PRODUCT NUMBER  
SEE TABLE

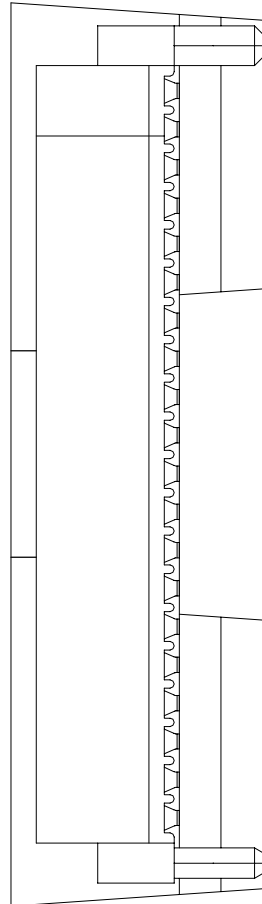
UNREELING  
DIRECTION

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	
NOTE 1 & 2		ISO 1302		ISO 406		1st angle		RIB CAGE	
itr		tolerances unless otherwise specified		xxx ±.01/.3		INCH/MM		title	
ecn		angles		linear		scale 4:1		.050/1.27cc V.C.C. SURFACE	
no		σ±2		xxx ±.005/.13		sheet 3 of 3 size		MOUNT w/POL. HOLD DOWN	
date		dr		xxxx ±.0020/.050		A3		dwg no	
		engr		GM SUN 2013-01-16		10124048		type	
		chr		GM SUN 2013-01-16		Product Customer Drawing		Product Customer Drawing	
		appd		RICK BIAN 2013-01-16					
sheet		revision		RICK BIAN 2013-01-16					
index		sheet							