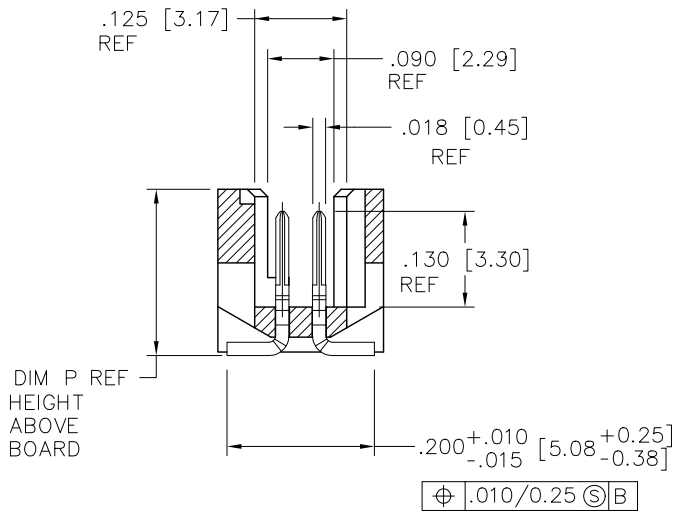
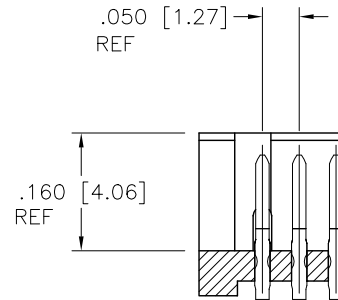


mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr	ecn	no	dr	date		tolerances unless otherwise specified						title	
AA	M08-0245	MHT		8/27/08		angles		linear	.XX±.01/0.3		INCH/MM 		
AB	M09-0058	MHT		4/04/09					.XXX±.005/0.13				
AC	M09-0007	MHT		06/10/09		±2'			.XXXX±.0020/0.051				
AD	N10-0174	YO		6/17/10		dr	M. CORNMAN		6/07/95				
AE	ELX-N-004143	YO		06/20/11		enr	D. WHITING		6/07/95				
AF	ELX-N-004665	YO		07/27/11		chr	D. WHITING		6/07/95				
AG	ELX-N-009746	YO		1/20/12		appd	D. WHITING		6/07/95				
sheet		revision		AG	AG	AG	AG	AG	AG	AG	AG		
index		sheet		1	2	3	4	5	6	7	8		

SIZE	DIM H	DIM J	DIM K	DIM L
2X5	.275/6.99	.200/5.08	.372/9.45	.320/8.13
2X10	.525/13.34	.450/11.43	.622/15.80	.570/14.48
2X15	.775/19.68	.700/17.78	.872/22.15	.820/20.83
2X20	1.025/26.03	.950/24.13	1.122/28.50	1.070/27.18
2X25	1.275/32.38	1.200/30.48	1.372/34.85	1.320/33.53
2X30	1.525/38.74	1.450/36.83	1.622/41.20	1.570/39.88
2X35	1.775/45.08	1.700/43.18	1.872/47.55	1.820/46.23
2X40	2.025/51.43	1.950/49.53	2.122/53.90	2.070/52.58
2X45	2.275/57.78	2.200/55.88	2.372/60.25	2.320/58.93
2X50	2.525/64.14	2.450/62.23	2.622/66.60	2.570/65.28



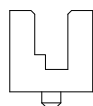
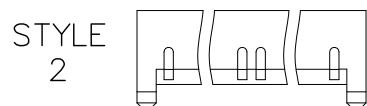
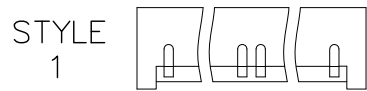
SECTION X-X
ROTATED 90° CW



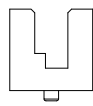
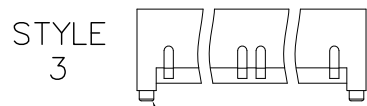
SECTION Y-Y

mat'l. code —				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family RIBCAGE			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		scale 3:1	title RIBCAGE III SMT VERT. HEADER ASS'Y		
AG					angles	linear				
						.XX±.01/0.3				
					±2°	.XXX±.005/0.13 .XXXX±.0020/0.051				
				dr	M. CORNMAN	6/07/95	FCI	dwg no		sheet 2 of 8
				enr	D. WHITING	6/07/95		95781		size A3
				chr	D. WHITING	6/07/95				
				appd	D. WHITING	6/07/95		type Product Customer Drawing		
sheet index	revision sheet									

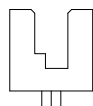
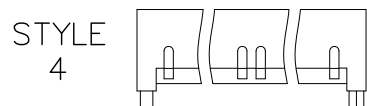
LOCATOR/HOLDDOWN VARIATIONS



$\phi .0520$ [1.321]
 $\phi .040$ [1.02]
 $\phi .004/0.10$ (M) A (S) B (S) (ALL PEG CONFIGURATIONS)

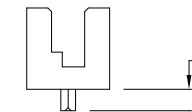
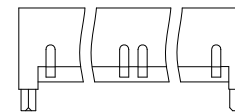


$R.0050$ [0.127]
 $\phi .0394$ [1.000]
 $.028$ [0.71]
 $.024$ [0.61]



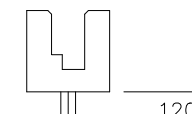
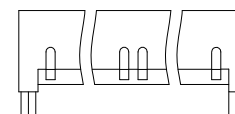
$.008[0.20] \times 45^\circ$
 $\phi .034 \pm .001$ [0.86 $\pm$ 0.03]
 $.0520^{+.0005}_{-.0010}$ [1.321 $\pm$ 0.013]
 $.0030$ [0.076]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]
 $.008 \pm .003$ [0.20 $\pm$ 0.08]

STYLE 5



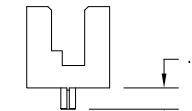
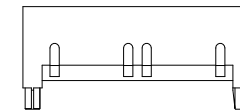
$.0470^{+.0005}_{-.0010}$ [1.194 $\pm$ 0.013]
 $.0470^{+.0005}_{-.0010}$ [1.194 $\pm$ 0.013]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]

STYLE 6
 SEE NOTE 9



$.0520^{+.0005}_{-.0010}$ [1.321 $\pm$ 0.013]
 $.0520^{+.0005}_{-.0010}$ [1.321 $\pm$ 0.013]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]

STYLE 7



$.0065 \pm .001$ [0.165 $\pm$ 0.025]
 $\phi .0400$ [1.02]
 $.052 \pm .001$ [1.32 $\pm$ 0.025]
 $R.002$ [0.05] MAX

mat'l. code				surface	tolerance	projection	product family		
-				ISO 1302 ☒	ISO 406 ISO 1101		RIBCAGE		
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title		
AG					angles	linear	RIBCAGE III SMT		
					$\pm 2^\circ$		VERT. HEADER ASS'Y		
					dr	M. CORNMAN	6/07/95	dwg no	sheet 3 of 8
					enr	D. WHITING	6/07/95	95781	A3
					chr	D. WHITING	6/07/95	type Product Customer Drawing	
					appd	D. WHITING	6/07/95		
sheet index	revision sheet								

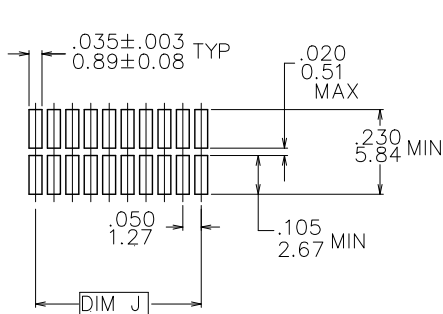
PDS: Rev :AG

STATUS: Released

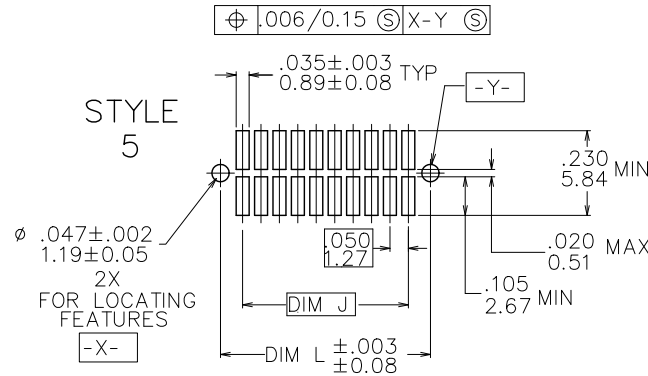
Printed: Feb 17, 2012

RECOMMENDED PCB MOUNTING PAD PATTERN

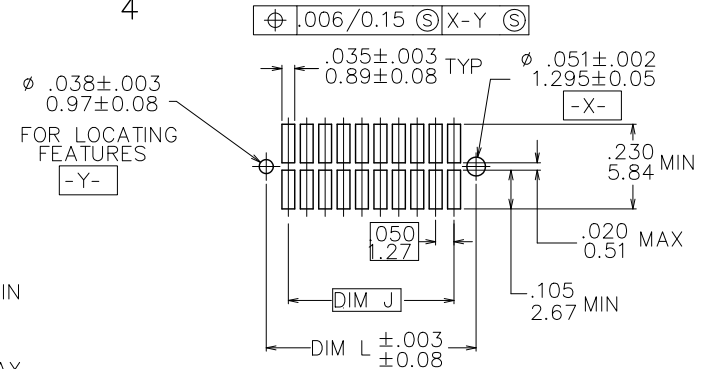
STYLE 1



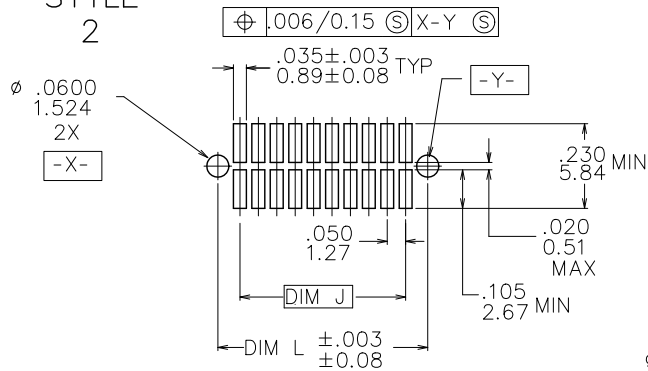
STYLE 5



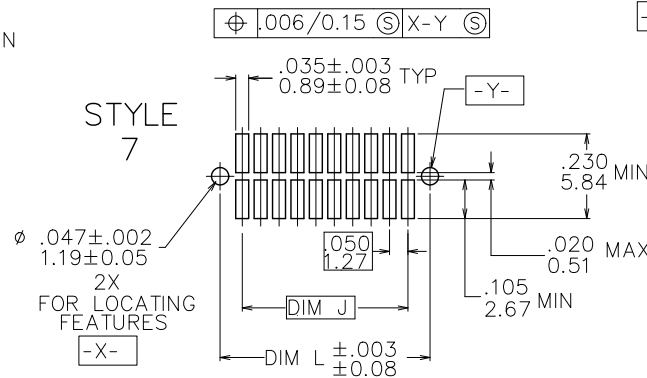
STYLE 4



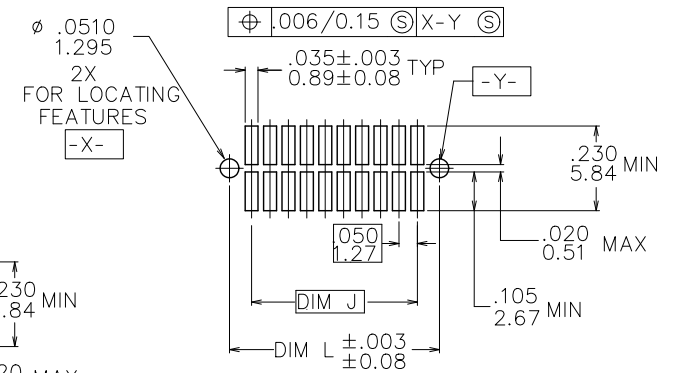
STYLE 2



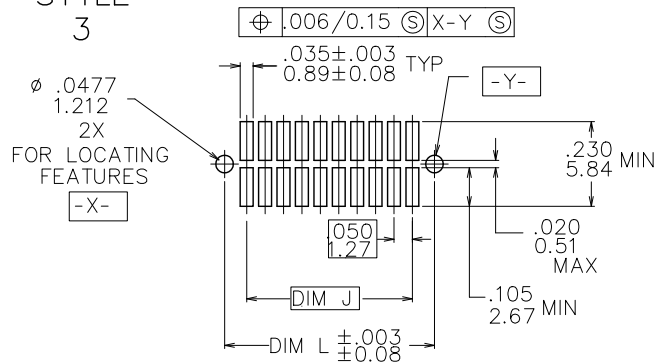
STYLE 7



STYLE 6



STYLE 3



mat'l. code —					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE								
ltr ecn no dr date					tolerances unless otherwise specified							title							
AG					angles		linear		.XX±.01/0.3		INCH/MM		RIBCAGE III SMT						
									.XXX±.005/0.13				VERT. HEADER ASS'Y						
					±2'				.XXX±.0020/0.051		scale 3:1								
					dr		M. CORNMAN		6/07/95				dwg no sheet 4 of 8 size						
					enrg		D. WHITING		6/07/95				95781 A3						
					chr		D. WHITING		6/07/95										
					appd		D. WHITING		6/07/95				type Product Customer Drawing						
sheet index		revision sheet																	

1				2				3				4				5				6																																																																																																																																																																																																																									
PRODUCT NUMBER NOTE 11,4C				QTY. REEL	TAPE WIDTH PITCH MM		CONNECTOR ORIENTATION IN TAPE POCKET																																																																																																																																																																																																																																						
90863-115REV				500	44/12		VIEW 2																																																																																																																																																																																																																																						
90863-120				↑	44/12		VIEW 1																																																																																																																																																																																																																																						
90863-125					56/12		↑																																																																																																																																																																																																																																						
90863-130					56/12																																																																																																																																																																																																																																								
91036-110P					24/16																																																																																																																																																																																																																																								
93206-110TR				↓	24/12																																																																																																																																																																																																																																								
93206-115TR				500	44/12																																																																																																																																																																																																																																								
93221-105TR				400	24/12																																																																																																																																																																																																																																								
93221-110TR				400	32/12																																																																																																																																																																																																																																								
93221-115TR				500	44/12																																																																																																																																																																																																																																								
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93221-130TR				500	56/12																																																																																																																																																																																																																																								
93221-135TR				↑	72/12																																																																																																																																																																																																																																								
93221-140TR					72/12																																																																																																																																																																																																																																								
93221-145TR				↓	72/12																																																																																																																																																																																																																																								
93221-150TR				500	88/12		VIEW 1																																																																																																																																																																																																																																						
TABLE C																																																																																																																																																																																																																																													
NOTES:																																																																																																																																																																																																																																													
① XXXXX-XXXLF LEAD FREE OPTION (NOTE 11& 13) NUMBER OF POSITIONS (NOTE 2)																																																																																																																																																																																																																																													
2. NUMBER OF POSITIONS = 05 THRU 50 IN 5 POS INCREMENTS. (EXAMPLE : 105=10 POS., 110=20 POS. ETC.)																																																																																																																																																																																																																																													
③ REQUIRED ON -X40,-X45 & -X50 POSITION PARTS ONLY.																																																																																																																																																																																																																																													
④ PACKAGING : A. ANTISTATIC TUBES. SEE TABLE A B. ADD "CT" TO END OF DASH NUMBER FOR CONNECTOR WITH VACUUM CAP IN ANTISTATIC TUBES. EX. : XXXXX-1XXCT C. PRESSURE SEALED TAPE AND REEL. SEE TABLE C FOR AVAILABLE PART NUMBERS.																																																																																																																																																																																																																																													
5. HOUSING MATERIAL : GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0. COLOR : NATURAL																																																																																																																																																																																																																																													
6. TERMINAL PLATING : 30u"/.76u HARD GOLD OR GXT OVER 50u"/1.27u NI ON CONTACT ZONES. 100u"/2.54u PURE TIN OVER 50u"/1.27u Ni IN SOLDERING ZONES.																																																																																																																																																																																																																																													
⑦ MOLDING FLOW RESTRICTOR QUANTITY AND LOCATION IS MANUFACTURING OPTION.																																																																																																																																																																																																																																													
⑧ VACUUM CAP SLOT REQUIRED ON ALL SIZES, SLOT MAY BE LOCATED ON OPPOSITE SIDE FOR 2 X 5.																																																																																																																																																																																																																																													
⑨ STYLE 6 IS NOT AVAILABLE IN TAPE AND REEL.																																																																																																																																																																																																																																													
⑩ 90863-1XX IS PACKAGED ONLY IN TAPE AND REEL.																																																																																																																																																																																																																																													
⑪ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.																																																																																																																																																																																																																																													
12. 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.																																																																																																																																																																																																																																													
13. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.																																																																																																																																																																																																																																													
14. PRODUCT SPECIFICATION SEE BUS-12-087.																																																																																																																																																																																																																																													
<table><tr><td colspan="4">mat'l. code</td><td colspan="4">surface</td><td colspan="4">tolerance</td><td colspan="2">projection</td><td colspan="4">product family</td></tr><tr><td colspan="4">-</td><td colspan="4">ISO 1302 ✓</td><td colspan="4">ISO 406 ISO 1101</td><td colspan="2">ISO 1101</td><td colspan="4">RIBCAGE</td></tr><tr><td colspan="2">litr</td><td colspan="2">ecn no</td><td colspan="2">dr</td><td colspan="2">date</td><td colspan="4">tolerances unless otherwise specified</td><td colspan="2">INCH/MM</td><td colspan="4">title</td></tr><tr><td colspan="2">AG</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">angles</td><td colspan="2">linear</td><td colspan="2">.XX±.01/0.3</td><td colspan="4">RIBCAGE III SMT</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">±2'</td><td colspan="2"></td><td colspan="2">.XXX±.005/0.13</td><td colspan="4">VERT. HEADER ASS'Y</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">.XXXX±.0020/0.051</td><td colspan="4">scale 3:1</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">dr</td><td colspan="2">M. CORNMAN</td><td colspan="2">6/07/95</td><td colspan="4">dwg no</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">enrg</td><td colspan="2">D. WHITING</td><td colspan="2">6/07/95</td><td colspan="4">sheet 8 of 8</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">chr</td><td colspan="2">D. WHITING</td><td colspan="2">6/07/95</td><td colspan="4">size</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">appd</td><td colspan="2">D. WHITING</td><td colspan="2">6/07/95</td><td colspan="4">A3</td></tr><tr><td colspan="2">sheet</td><td colspan="2">revision</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="4">type</td></tr><tr><td colspan="2">index</td><td colspan="2">sheet</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="4">Product Customer Drawing</td></tr></table>																		mat'l. code				surface				tolerance				projection		product family				-				ISO 1302 ✓				ISO 406 ISO 1101				ISO 1101		RIBCAGE				litr		ecn no		dr		date		tolerances unless otherwise specified				INCH/MM		title				AG								angles		linear		.XX±.01/0.3		RIBCAGE III SMT												±2'				.XXX±.005/0.13		VERT. HEADER ASS'Y																.XXXX±.0020/0.051		scale 3:1												dr		M. CORNMAN		6/07/95		dwg no												enrg		D. WHITING		6/07/95		sheet 8 of 8												chr		D. WHITING		6/07/95		size												appd		D. WHITING		6/07/95		A3				sheet		revision														type				index		sheet														Product Customer Drawing			
mat'l. code				surface				tolerance				projection		product family																																																																																																																																																																																																																															
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								dr		M. CORNMAN		6/07/95		dwg no																																																																																																																																																																																																																															
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								chr		D. WHITING		6/07/95		size																																																																																																																																																																																																																															
								appd		D. WHITING		6/07/95		A3																																																																																																																																																																																																																															
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PDS: Rev :AG STATUS: Released Printed: Feb 17, 2012																																																																																																																																																																																																																																													