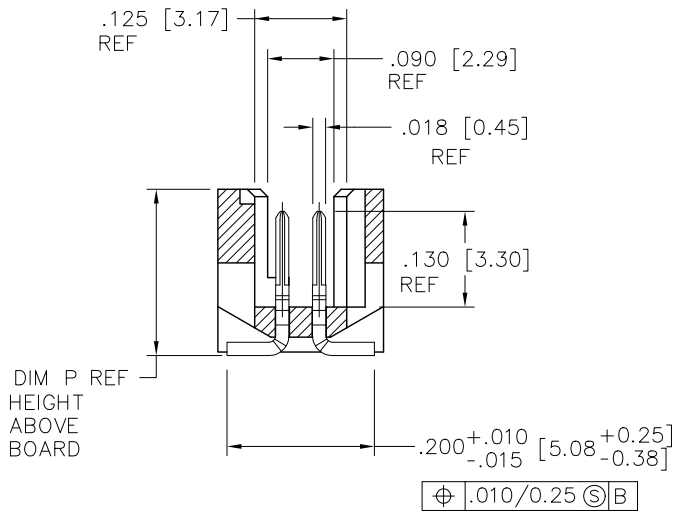


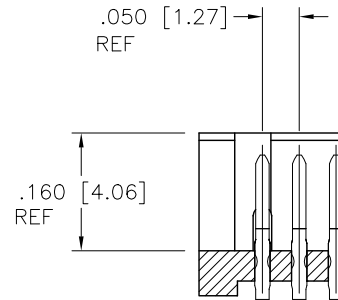
D

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE						
ltr	ecn no	dr	date	tolerances unless otherwise specified						 INCH/MM		title RIBCAGE III SMT VERT. HEADER ASS'Y				
AA	M08-0245	MHT	8/27/08	angles linear		.XX±.01/0.3										scale 3:1
AB	M09-0058	MHT	4/04/09			.XXX±.005/0.13										
AC	M09-0087	MHT	06/10/09			±2' .XXXX±.0020/0.051										
AD	N10-0174	YO	6/17/10	dr	M. CORNMAN	6/07/95						dwg no		sheet 1 of 8		size
AE	ELX-N-004143	YO	06/20/11	engr	D. WHITING	6/07/95						95781		A3		
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



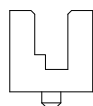
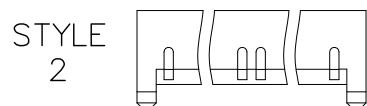
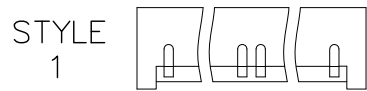
SECTION X-X
ROTATED 90° CW



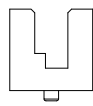
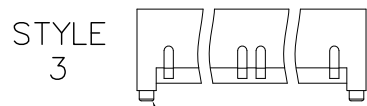
SECTION Y-Y

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		
AG					angles	linear		RIBCAGE III SMT VERT. HEADER ASS'Y		
					±2°	.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051		dwg no sheet 2 of 8 size		
				dr	M. CORNMAN	6/07/95	FCI	95781 A3		
				enrg	D. WHITING	6/07/95				
				chr	D. WHITING	6/07/95				
				appd	D. WHITING	6/07/95		type Product Customer Drawing		
sheet index	revision sheet									

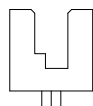
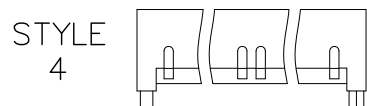
LOCATOR/HOLDDOWN VARIATIONS



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

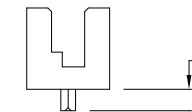
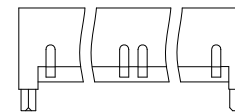


R.0050 [0.127]
 $\phi .0394$ [1.000]
 $\phi .028$ [0.71]
 $\phi .024$ [0.61]



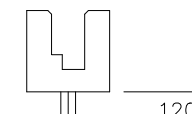
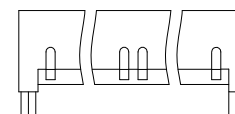
$\phi .034 \pm .001$ [0.86 $\pm$ 0.03]
 $\phi .0520 \pm .0005$ [1.321 $\pm$ 0.013]
 $\phi .0030$ [0.076]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]
 $\phi .008 \pm .003$ [0.20 $\pm$ 0.08]

STYLE 5



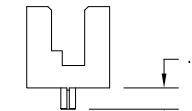
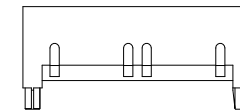
$\phi .0470 \pm .0005$ [1.194 $\pm$ 0.013]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]

STYLE 6
 SEE NOTE 9



$\phi .0520 \pm .0005$ [1.321 $\pm$ 0.013]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]
 $\phi .040 \pm .001$ [1.02 $\pm$ 0.03]

STYLE 7

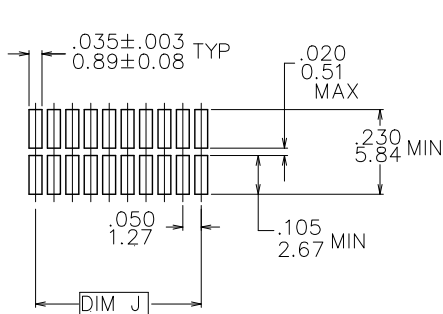


$\phi .0065 \pm .001$ [0.165 $\pm$ 0.025]
 $\phi .0400$ [1.02]
 $\phi .052 \pm .001$ [1.32 $\pm$ 0.025]
 R.002 [0.05] MAX

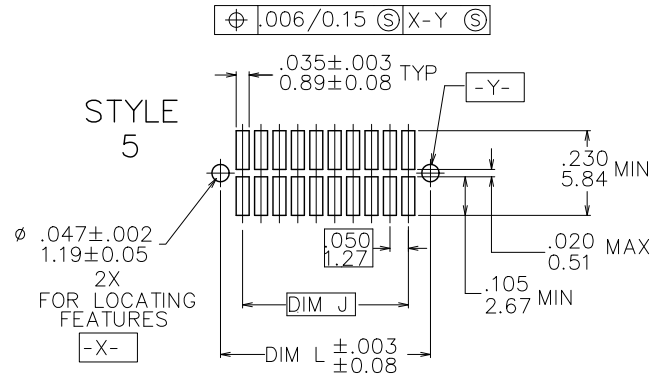
mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406	ISO 1101	RIBCAGE
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM	title
AG					linear	scale 3:1	RIBCAGE III SMT
					angles		VERT. HEADER ASS'Y
					±2'		
					dr	M. CORNMAN	6/07/95
					enr	D. WHITING	6/07/95
					chr	D. WHITING	6/07/95
					appd	D. WHITING	6/07/95
sheet	revision						
index	sheet						

RECOMMENDED PCB MOUNTING PAD PATTERN

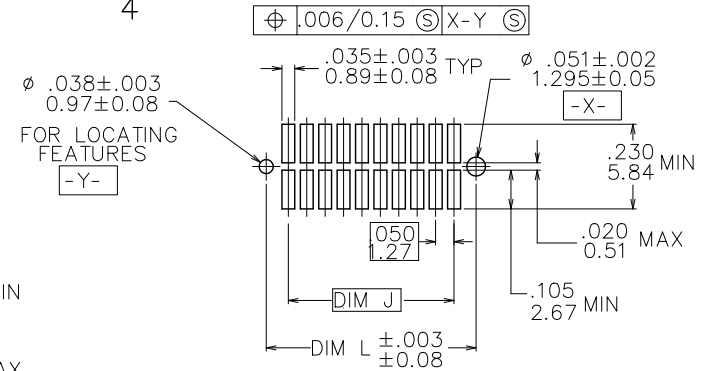
STYLE 1



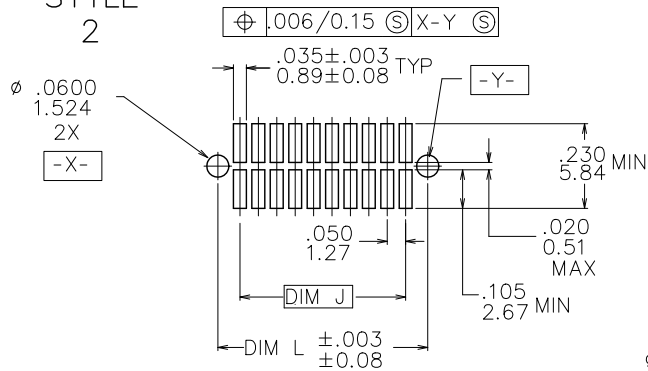
STYLE 5



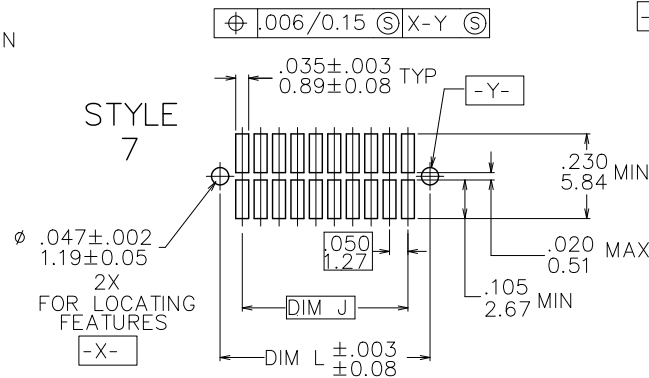
STYLE 4



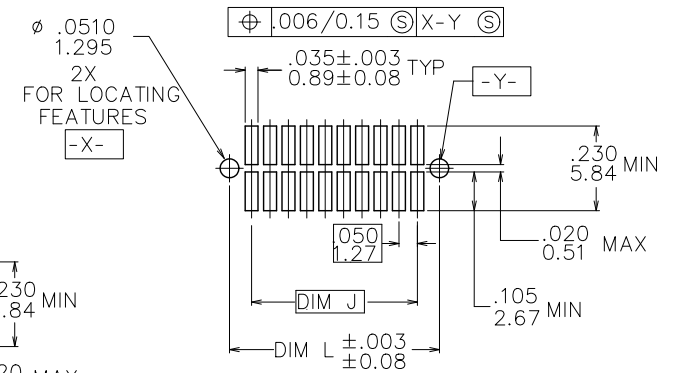
STYLE 2



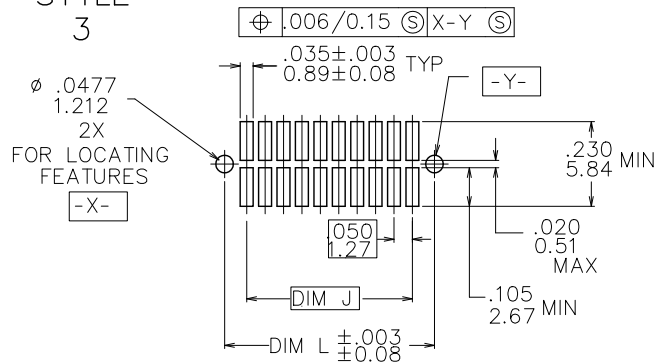
STYLE 7



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 .XXX±.005/0.13 ±2' .XXX±.0020/0.051		INCH/MM		RIBCAGE III SMT VERT. HEADER ASS'Y				
											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								
sheet index		revision sheet															

PRODUCT NUMBER NOTE 1,4A & 4B	DIM P HEIGHT ABOVE BOARD (REF.)	HOLDDOWN STYLE
72428-1XX	.244/6.20	1—
73546-1XX	.364/9.25	1
73547-1XX	.364/9.25	2
73548-1XX	.364/9.25	4
84700-1XX	.226/5.74	7—
84701-1XX	.298/7.57	7—
84734-1XX	.364/9.25	7—
87401-1XX	.226/5.74	6
87409-1XX	.226/5.74	2
87849-1XX	.226/5.74	1
88566-1XX	.260/6.60	2
90098-1XX	.298/7.57	2
90863-1XX	.226/5.74	1
91036-1XX	.364/9.25	5
91423-1XX	.226/5.74	2
91855-1XX	.226/5.74	5—
92099-1XX	.226/5.74	4—
92412-1XX	.298/7.57	4—
93206-1XX	.226/5.74	3
93221-1XX	.298/7.57	1
93289-1XX	.298/7.57	5

OBSOLETE

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OBSOLETE

SEE NOTE 10

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OBSOLETE

OBSOLETE

OBSOLETE

TABLE A

CUSTOMER SPECIAL

[illegible]

PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
87409-135TR	500	72/12	VIEW 1
87409-140TR	↑	72/12	↑
87409-145TR		72/12	
87409-150TR		88/12	
87849-105TR		24/12	
87849-110TR		24/12	
87849-115TR		44/12	
87849-120TR		44/12	
87849-125TR		56/12	
87849-130TR		56/12	
87849-135TR		72/12	
87849-140TR		72/12	
87849-145TR		72/12	
87849-150TR		88/12	
88566-110TR		24/12	
88566-115TR	↓	44/12	
88566-130TR	500	56/12	
90098-105TR	400	24/12	
90098-110TR	400	32/12	
90098-115TR	500	44/12	
90098-120TR	500	44/12	
90098-125TR	400	56/12	
90098-130TR	500	56/12	
90098-135TR	↑	72/12	
90098-140TR		72/12	
90098-145TR		72/12	
90098-150TR		88/12	
90863-110	↓	24/12	↓
90863-115	500	44/12	VIEW 1

TABLE C

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 RIBCAGE III SMT VERT. HEADER ASS'Y						
AG				angles		linear		.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051									
				±2'						dwg no		sheet 7 of 8				size	
				enrg		D. WHITING		6/07/95		95781						A3	
				chr		D. WHITING		6/07/95									
				appd		D. WHITING		6/07/95									
sheet index		revision sheet															

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	
93221-120TR	500	44/12	
93221-125TR	400	56/12	
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.

[illegible]