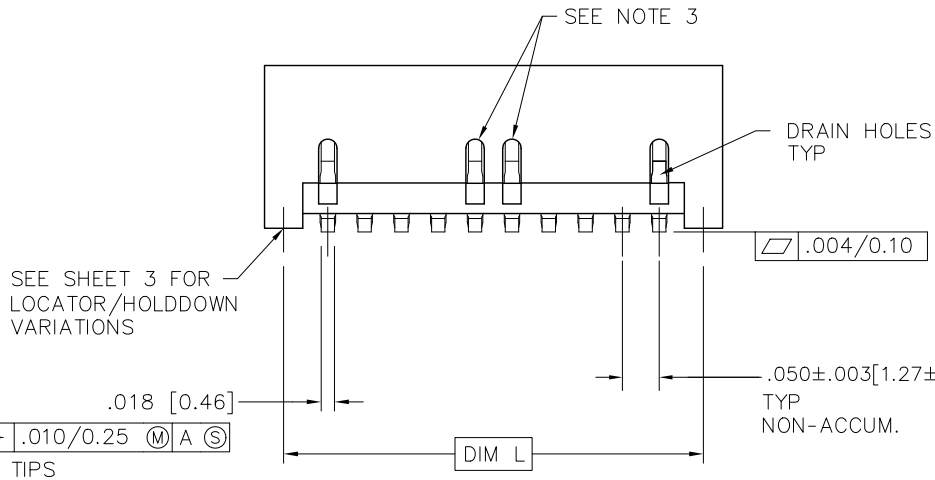
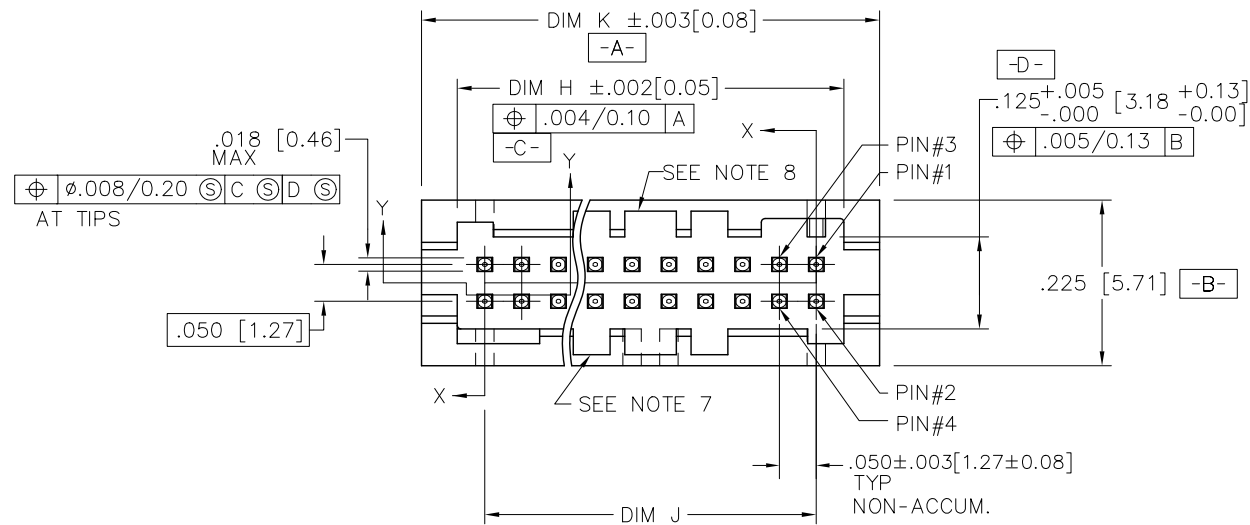
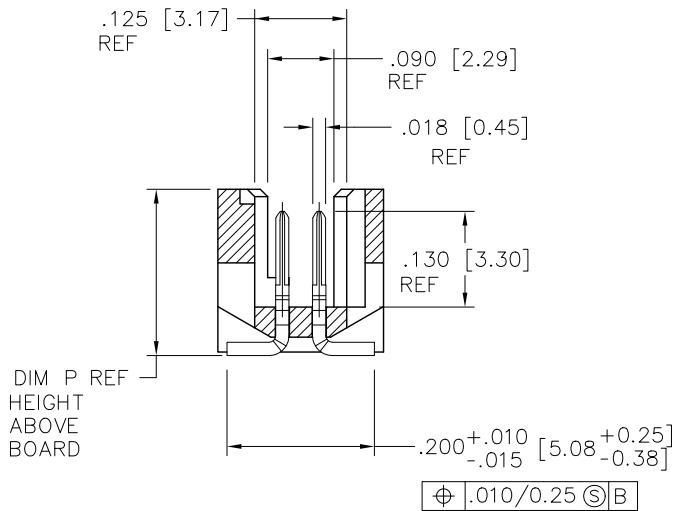
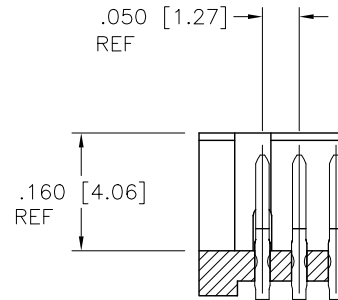


mat'l. code				surface				tolerance				projection		product family			
-				ISO 1302				ISO 406				ISO 1101		RIBCAGE			
ltr	ecn	no	dr	date	tolerances unless otherwise specified				linear				INCH/MM		title		
AA	M08-0245	MHT	8/27/08		angles				.XX $\pm$.01/0.3						RIBCAGE III SMT		
AB	M09-0058	MHT	4/04/09						.XXX $\pm$.005/0.13						VERT. HEADER ASS'Y		
AC	M09-0087	MHT	06/10/09		$\pm 2^\circ$				.XXXX $\pm$.0020/0.05				scale 3:1				
AD	N10-0174	YO	6/17/10	dr	M. CORNMAN	6/07/95									dwg no		
AE	ELX-N-004143	YO	06/20/11	enrg	D. WHITING	6/07/95									sheet 1 of 8		
AF	ELX-N-004665	YO	07/27/11	chr	D. WHITING	6/07/95									95781		
AG	ELX-N-009746	YO	1/20/12	appd	D. WHITING	6/07/95									type		
sheet				revision	AG	AG	AG	AG	AG	AG	AG	AG			Product Customer Drawing		
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



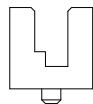
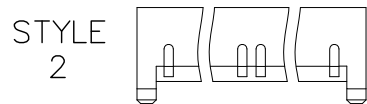
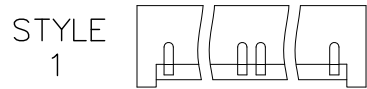
SECTION X-X
ROTATED 90° CW



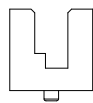
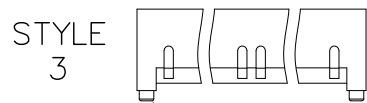
SECTION Y-Y

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

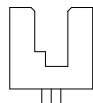
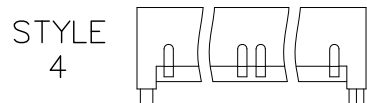
LOCATOR/HOLDDOWN VARIATIONS



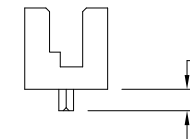
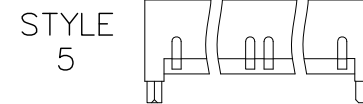
$\phi .0520$ [1.321]
 $\phi .040$ [1.02]
 $\phi .004/0.10$ (M) A (S) B (S) (ALL PEG CONFIGURATIONS)



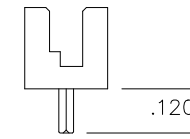
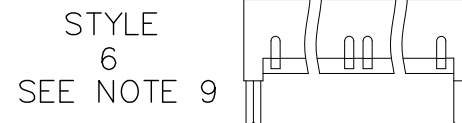
$R.0050$ [0.127]
 $\phi .0394$ [1.000]
 $.028$ [0.71]
 $.024$ [0.61]



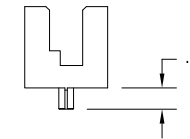
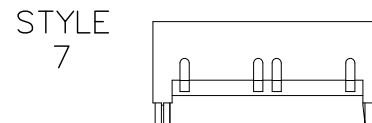
$.008[0.20] \times 45^\circ$
 $\phi .034 \pm .001$ [0.86 $\pm$ 0.03]
 $.0520^{+.0005}_{-.0010}$ [1.321 $\pm$ 0.013]
 $.0030$ [0.076]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]
 $.008 \pm .003$ [0.20 $\pm$ 0.08]



$.0470^{+.0005}_{-.0010}$ [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]



$.0520^{+.0005}_{-.0010}$ [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]



$.0065 \pm .001$ [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	ec	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								

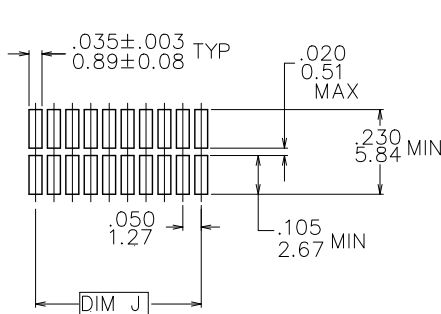
PDS: Rev :AG

STATUS: Released

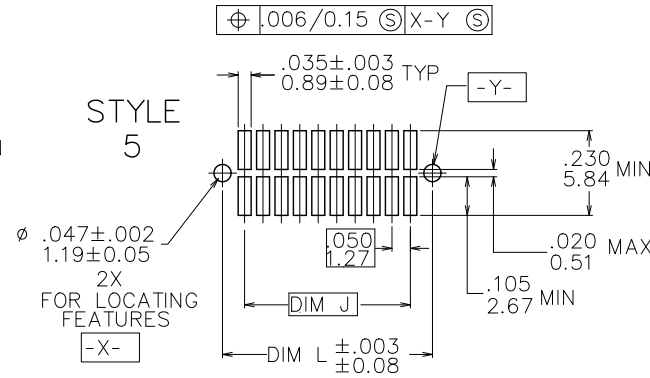
Printed: Feb 17, 2012

RECOMMENDED PCB MOUNTING PAD PATTERN

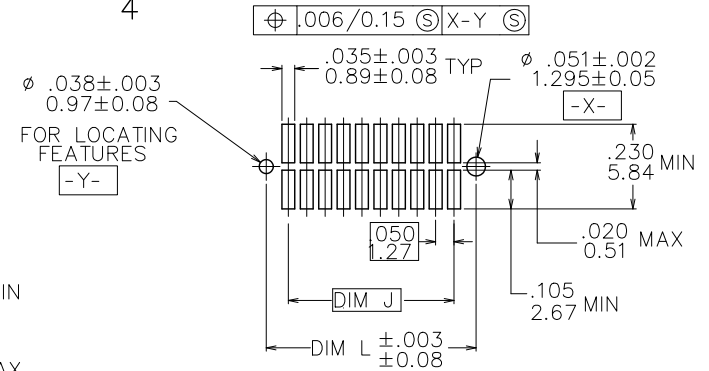
STYLE 1



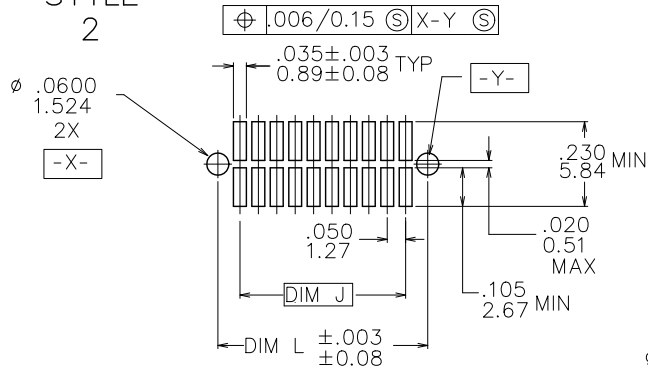
STYLE 5



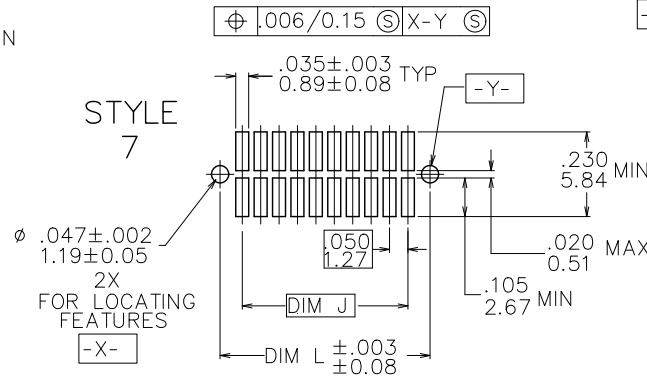
STYLE 4



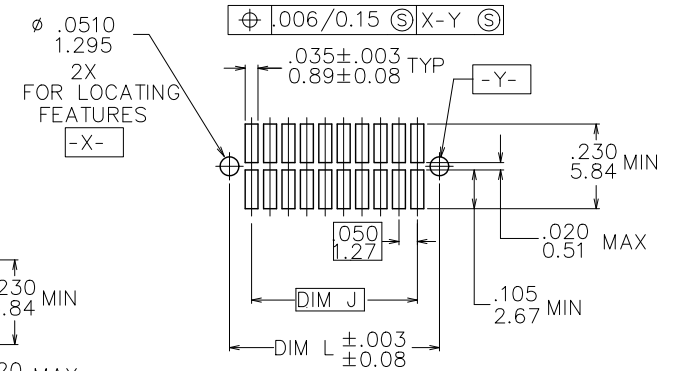
STYLE 2



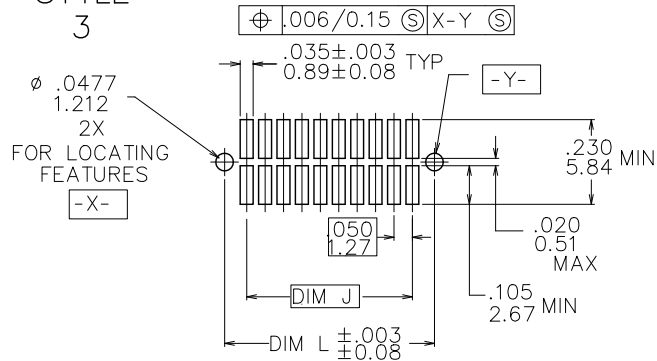
STYLE 7



STYLE 6



STYLE 3



mat'l. code				surface	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
					±2'	linear	VERT. HEADER ASS'Y
					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						dwg no
index	sheet						95781
							type
							Product Customer Drawing

	OBSOLETE
	OBSOLETE
	OBSOLETE
	OBSOLETE
	SEE NOTE 10
*	OBSOLETE
	OBSOLETE
	OBSOLETE
	OBSOLETE

CUSTOMER SPECIAL

C

Copyright FCI

D

[illegible]

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	
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.

mat'l. code

—

surface

ISO 1302 ✓

tolerance

ISO 406

ISO 1101

projection

product family

RIBCAGE

litr

ecn

no

dr

date

tolerances unless otherwise specified

angles

linear

.XX±.01/0.3

.XXX±.005/0.13

.XXXX±.0020/0.051

INCH/MM

scale 3:1

title

RIBCAGE III SMT

VERT. HEADER ASS'Y

dr

M. CORNMAN

6/07/95

enrg

D. WHITING

6/07/95

chr

D. WHITING

6/07/95

appd

D. WHITING

6/07/95

sheet

index

revision

sheet

dwg no

95781

sheet 8 of 8

size

A3

type

Product Customer Drawing

form: A3

1

2

3

4

5

6

STATUS: Released

Printed: Feb 17, 2012