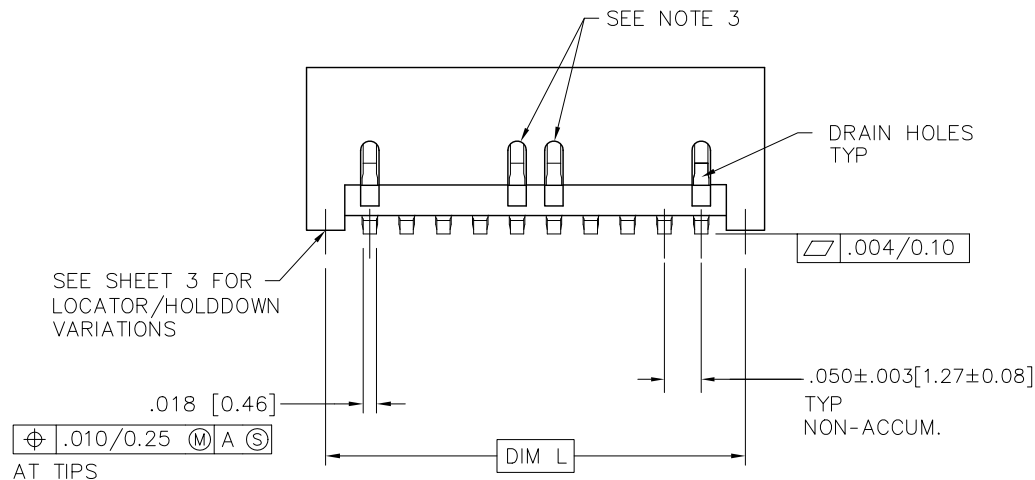
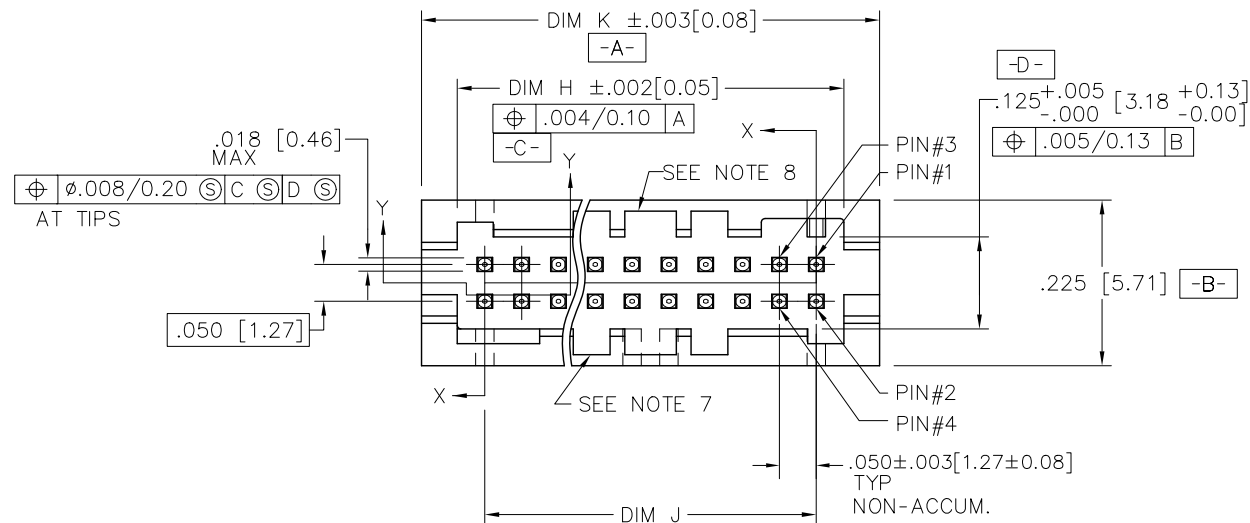
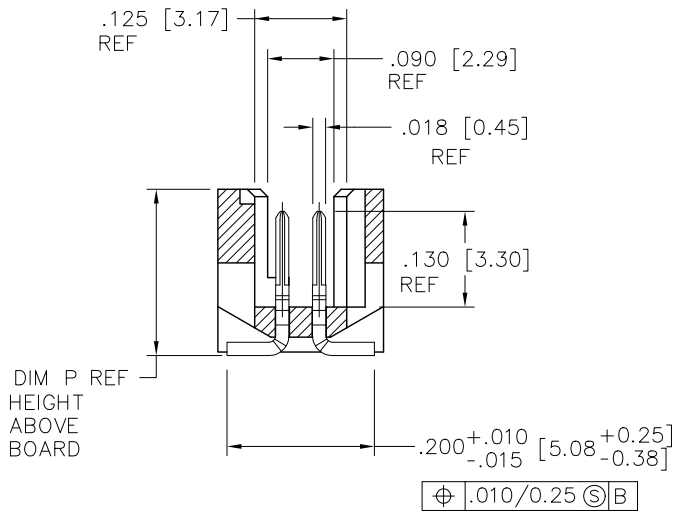
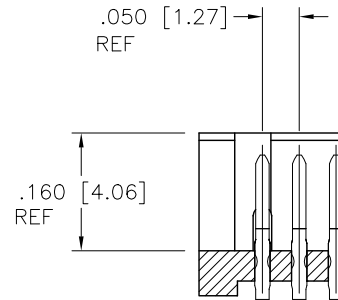


mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family RIBCAGE			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title RIBCAGE III SMT VERT. HEADER ASS'Y			
AA	M08-0245	MHT	8/27/08		angles	linear	.XX±.01/0.3		INCH/MM 				
AB	M09-0058	MHT	4/04/09				.XXX±.005/0.13						
AC	M09-0087	MHT	06/10/09		±2'		.XXXX±.0020/0.051		scale 3:1				
AD	N10-0174	YO	6/17/10		dr	M. CORNMAN		6/07/95					
AE	ELX-N-004143	YO	06/20/11		enrg	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	type	
index		sheet		1	2	3	4	5	6	7	8	Product Customer Drawing	

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



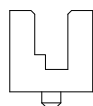
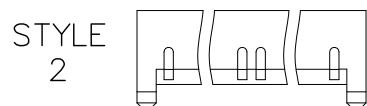
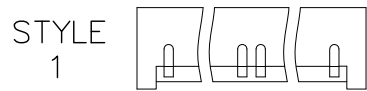
SECTION X-X
ROTATED 90° CW



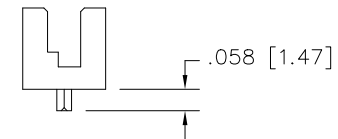
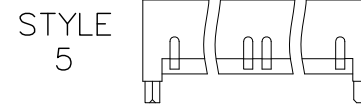
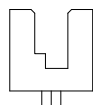
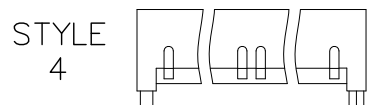
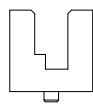
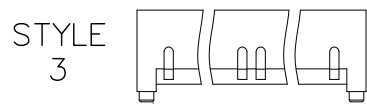
SECTION Y-Y

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		
				enr	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									

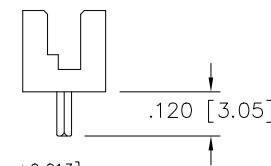
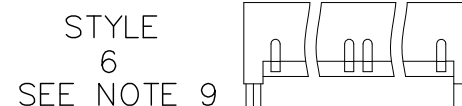
LOCATOR/HOLDDOWN VARIATIONS



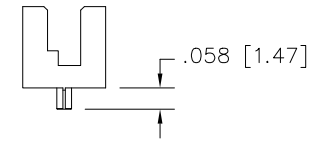
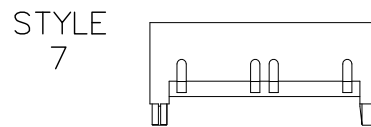
$\phi .0520$ [1.321]
 $\phi .040$ [1.02]
 $\phi .004/0.10$ (M) A (S) B (S) (ALL PEG CONFIGURATIONS)



$.0470^{+.0005}_{-.0010}$ [1.194 $^{+0.013}_{-0.025}$]
 $.040^{+.001}_{-.002}$ [1.02 $^{+0.03}_{-0.05}$]
 $.040^{+.001}_{-.002}$ [1.02 $^{+0.03}_{-0.05}$]



$.0520^{+.0005}_{-.0010}$ [1.321 $^{+0.013}_{-0.025}$]
 $.040^{+.001}_{-.002}$ [1.02 $^{+0.03}_{-0.05}$]
 $.040^{+.001}_{-.002}$ [1.02 $^{+0.03}_{-0.05}$]



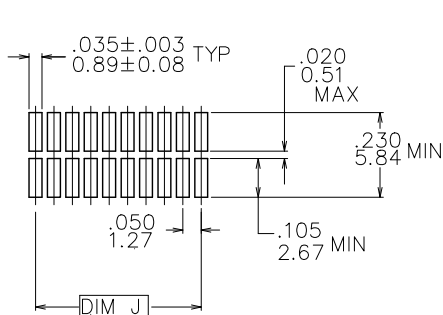
$.0065 \pm .001$ [0.165±0.025]
 $\phi .0400$ [1.02]
 $.052 \pm .001$ [1.32±0.025]
R.002 [0.05] MAX

$.008$ [0.20] X 45°
 $.0520^{+.0005}_{-.0010}$ [1.321 $^{+0.013}_{-0.025}$]
 $.0030$ [0.076]
 $\phi .034 \pm .001$ [0.86±0.03]
 $.040^{+.001}_{-.002}$ [1.02 $^{+0.03}_{-0.05}$]
 $.008 \pm .003$ [0.20±0.08]

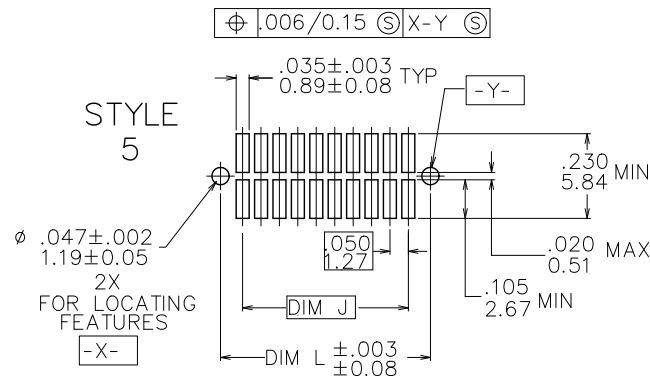
mat'l. code				surface	tolerance	projection	product family		
-				ISO 1302 ✓	ISO 406 ISO 1101		RIBCAGE		
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title		
AG					angles	linear	RIBCAGE III SMT		
					±2°		VERT. HEADER ASS'Y		
					dr	M. CORNMAN	6/07/95	dwg no	sheet 3 of 8
					enr	D. WHITING	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								

RECOMMENDED PCB MOUNTING PAD PATTERN

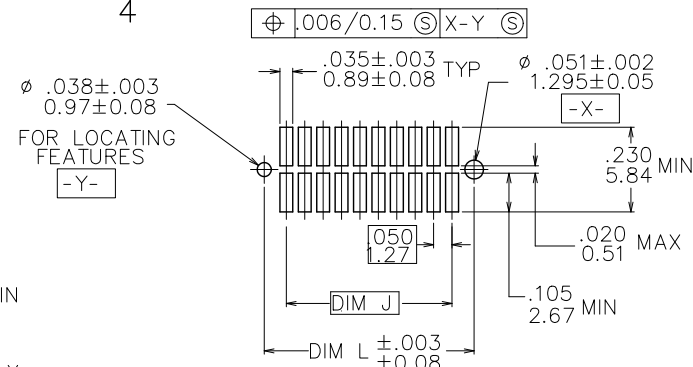
STYLE 1



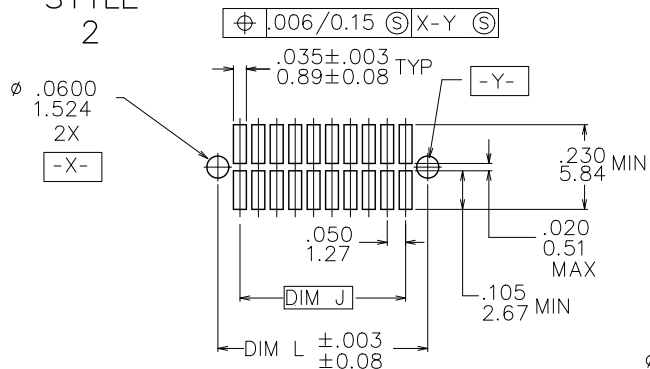
STYLE 5



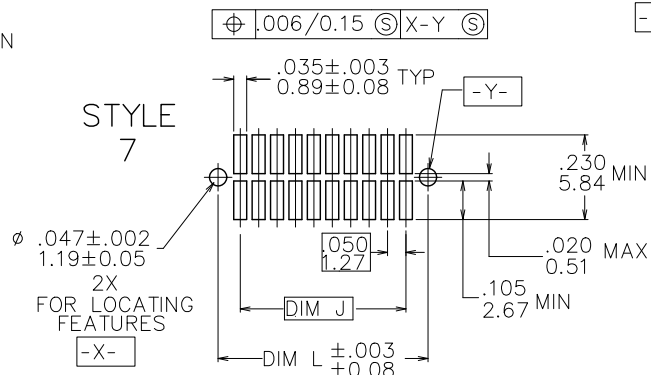
STYLE 4



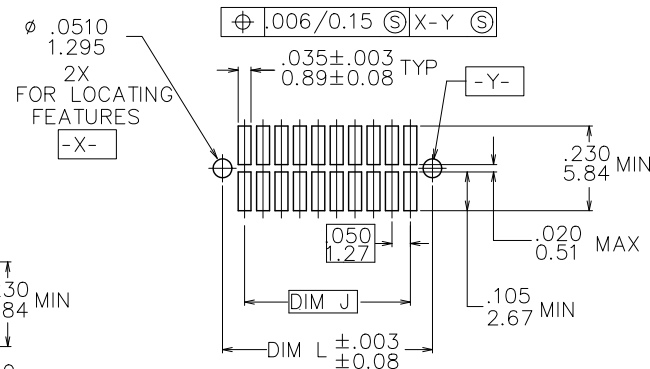
STYLE 2



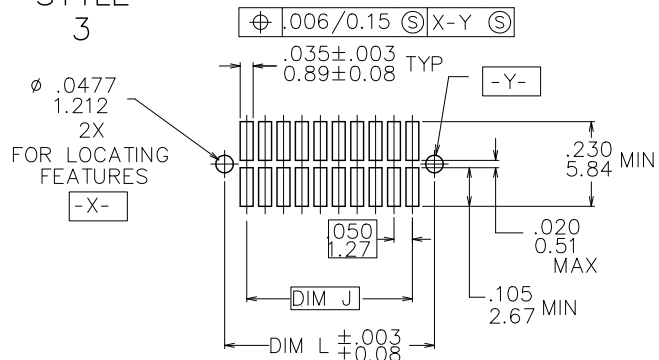
STYLE 7



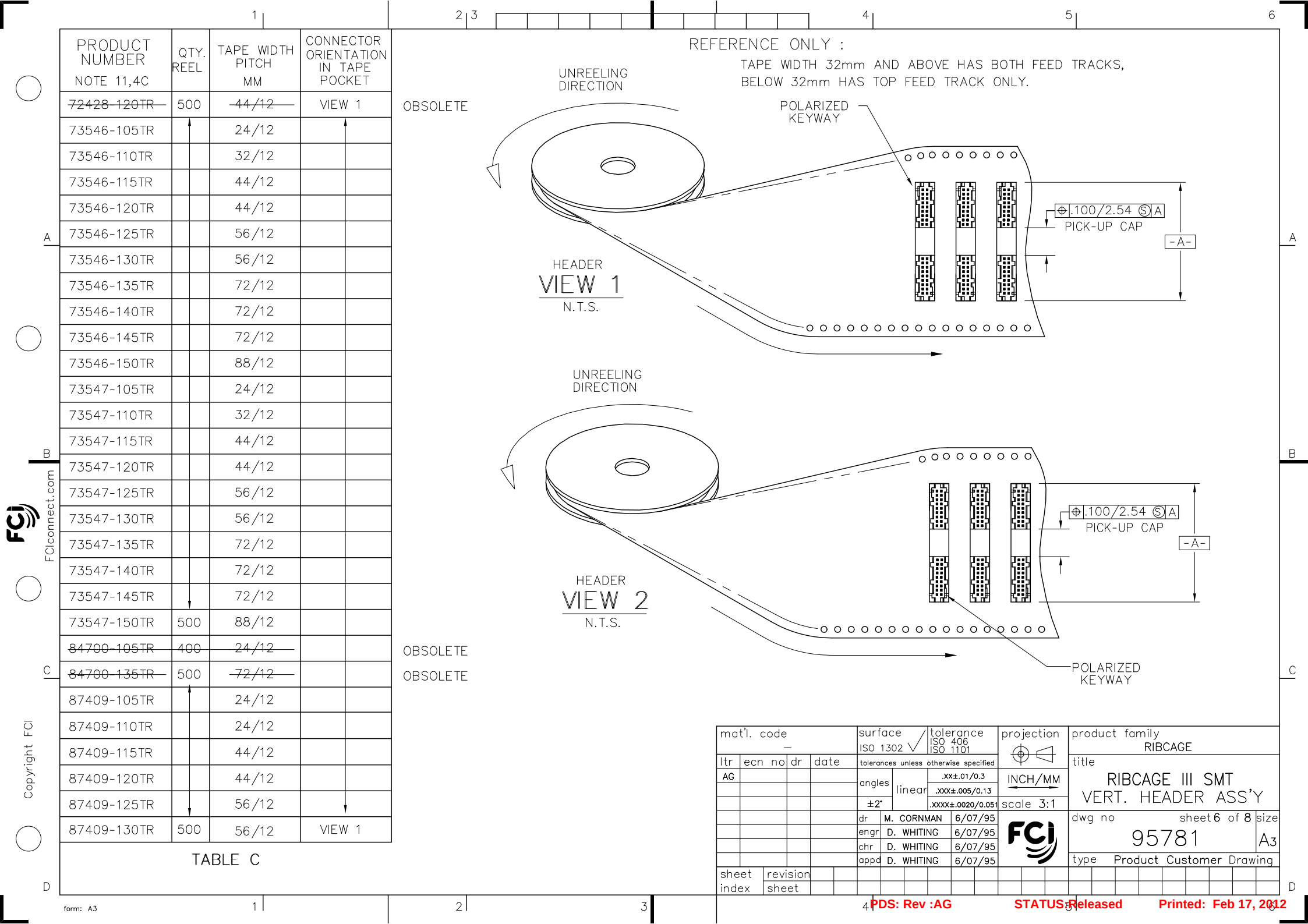
STYLE 6



STYLE 3



mat'l. code -				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 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 ±2'		
					dr M. CORNMAN 6/07/95	FCI	dwg no 95781 sheet 4 of 8 size A3
					enrg D. WHITING 6/07/95		
					chr D. WHITING 6/07/95		
					appd D. WHITING 6/07/95		
sheet index	revision sheet						type Product Customer Drawing



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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		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101				RIBCAGE	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title	
AG						angles linear		INCH/MM	
						.XX±.01/0.3		RIBCAGE III SMT	
						.XXX±.005/0.13		VERT. HEADER ASS'Y	
						±2'		.XXXX±.0020/0.051	
						dr		scale 3:1	
						M. CORNMAN		FCI	
						6/07/95		dwg no	
						enrg		sheet 7 of 8	
						D. WHITING		size	
						6/07/95		95781	
						chr		A3	
						D. WHITING		type	
						6/07/95		Product Customer Drawing	
sheet		revision							
index		sheet							

PDS: Rev :AG

STATUS:Released

Printed: Feb 17, 2012

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

ltr

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

enr

D. WHITING

6/07/95

chr

D. WHITING

6/07/95

appd

D. WHITING

6/07/95

sheet

revision

sheet

8

of 8

size

A3

type

Product Customer Drawing

FCI

Copyright FCI

form: A3

1

2

3

4

5

6

STATUS: Released

Printed: Feb 17, 2012