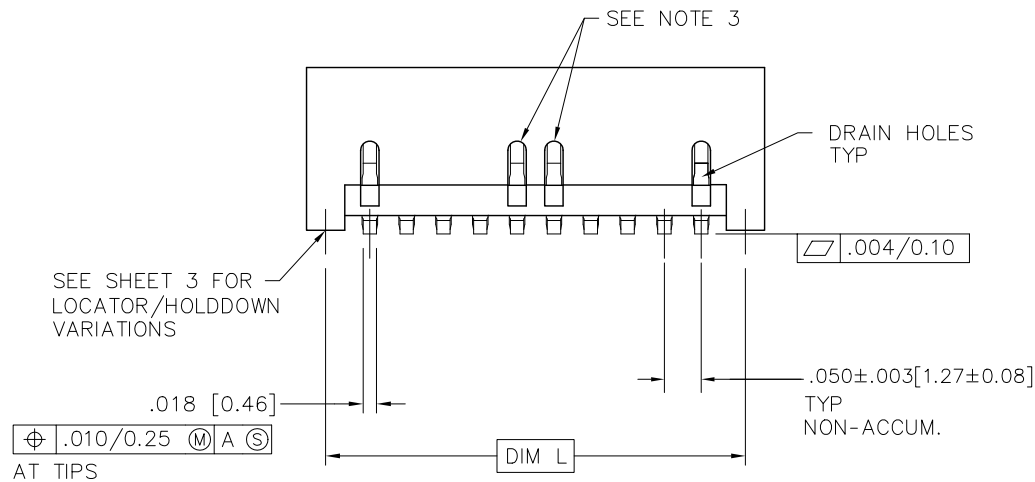
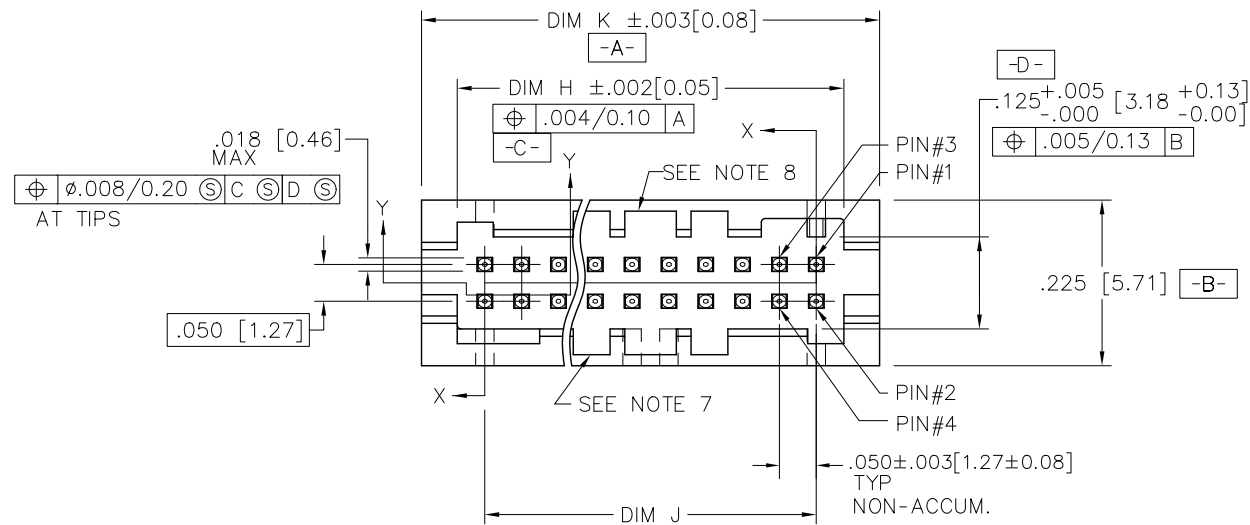
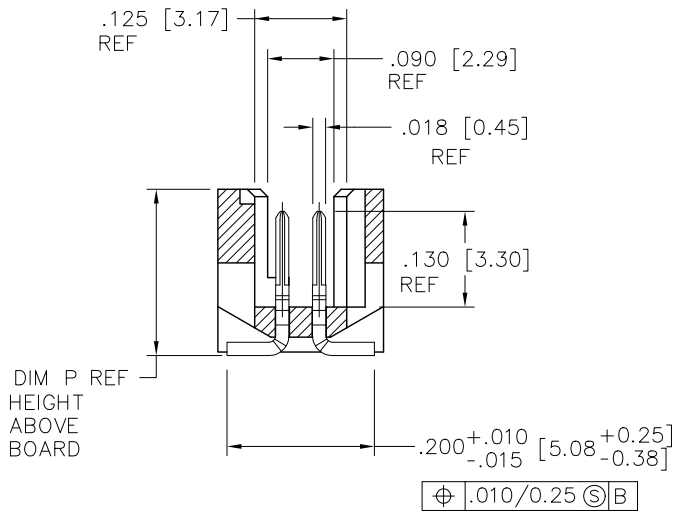
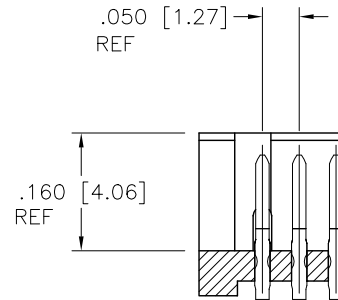


mat'l. code				surface		tolerance		projection		product family				
-				ISO 1302		ISO 406 ISO 1101				RIBCAGE				
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title				
AA	M08-0245	MHT	8/27/08	angles		linear		.XX±.01/0.3		INCH/MM		RIBCAGE III SMT		
AB	M09-0058	MHT	4/04/09					.XXX±.005/0.13				VERT. HEADER ASS'Y		
AC	M09-0087	MHT	06/10/09	±2'				.XXXX±.0020/0.05		scale 3:1				
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	enrg	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	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



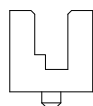
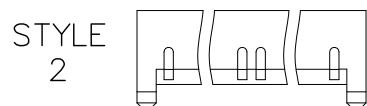
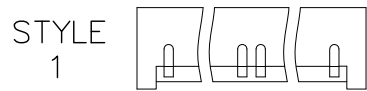
SECTION X-X
ROTATED 90° CW



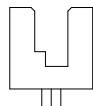
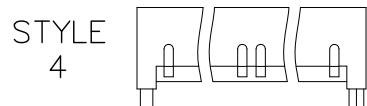
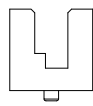
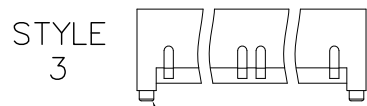
SECTION Y-Y

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

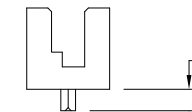
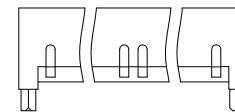
LOCATOR/HOLDDOWN VARIATIONS



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

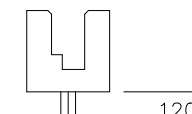
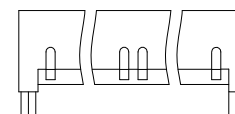


STYLE 5



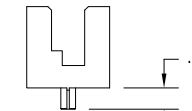
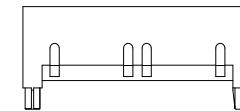
$.0470^{+.0005}_{-.0010} [1.194^{+.013}_{-.025}]$
 $.040^{+.001}_{-.002} [1.02^{+.03}_{-.05}]$
 $.0470^{+.0005}_{-.0010} [1.194^{+.013}_{-.025}]$
 $.040^{+.001}_{-.002} [1.02^{+.03}_{-.05}]$

STYLE 6
SEE NOTE 9



$.0520^{+.0005}_{-.0010} [1.321^{+.013}_{-.025}]$
 $.040^{+.001}_{-.002} [1.02^{+.03}_{-.05}]$
 $.0520^{+.0005}_{-.0010} [1.321^{+.013}_{-.025}]$
 $.040^{+.001}_{-.002} [1.02^{+.03}_{-.05}]$

STYLE 7



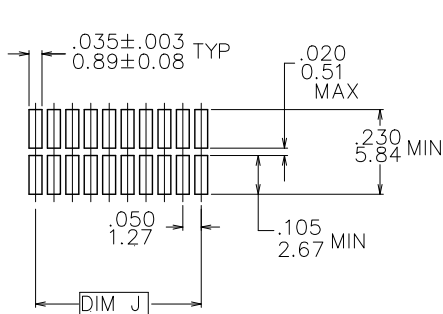
$.0065 \pm .001 [0.165 \pm 0.025]$
 $\phi .0400 [1.02]$
 $.052 \pm .001 [1.32 \pm 0.025]$
R.002 [0.05] MAX

$.008 [0.20] \times 45^\circ$
 $.0520^{+.0005}_{-.0010} [1.321^{+.013}_{-.025}]$
 $.0030 [0.076]$
 $.040^{+.001}_{-.002} [1.02^{+.03}_{-.05}]$
 $.008 \pm .003 [0.20 \pm 0.08]$
 $\phi .034 \pm .001 [0.86 \pm 0.03]$

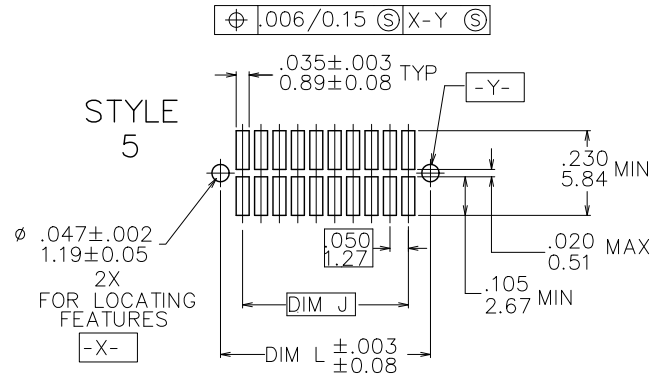
mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101		RIBCAGE
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM	title
AG					angles linear	scale 3:1	RIBCAGE III SMT VERT. HEADER ASS'Y
					$\pm 2'$		
					dr M. CORNMAN 6/07/95		dwg no sheet 3 of 8 size
					enr 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						

RECOMMENDED PCB MOUNTING PAD PATTERN

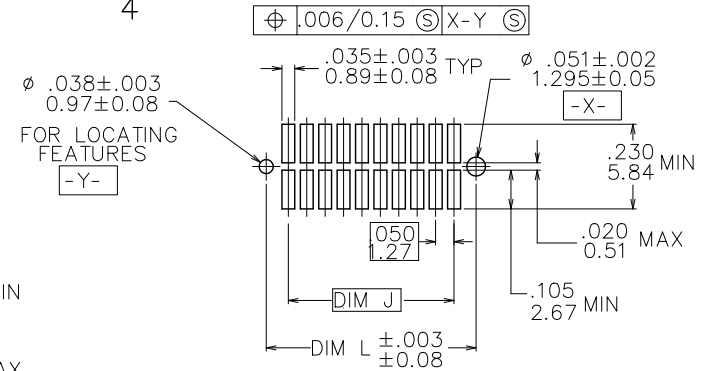
STYLE 1



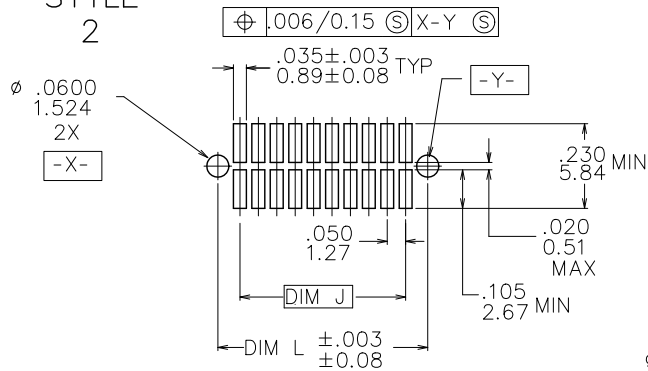
STYLE 5



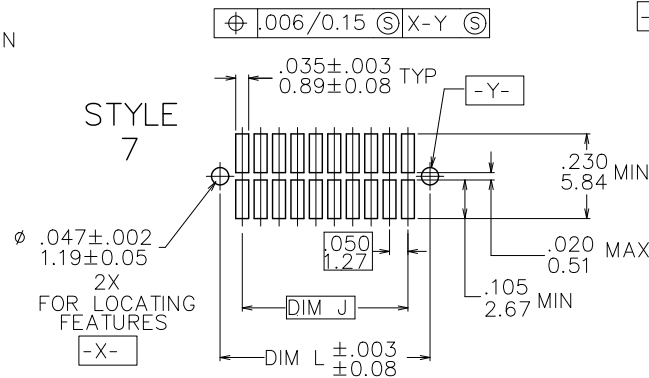
STYLE 4



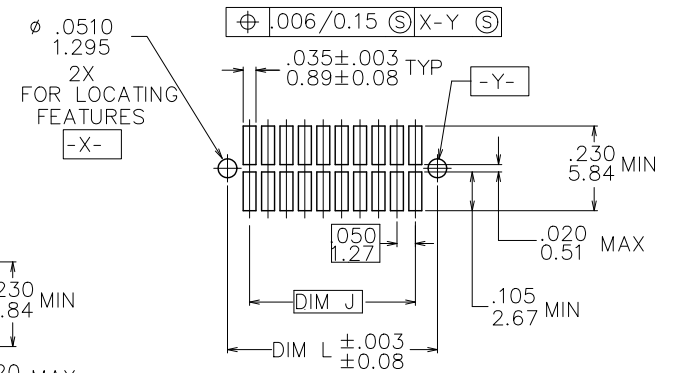
STYLE 2



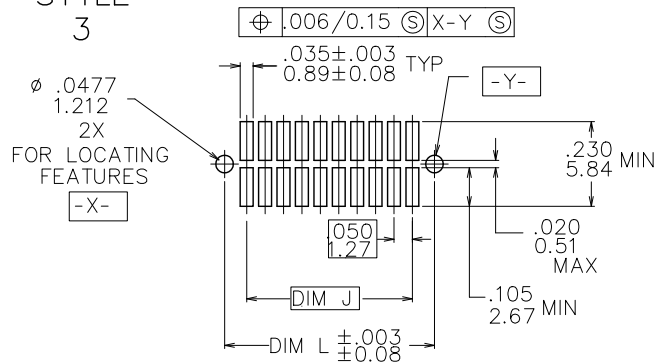
STYLE 7



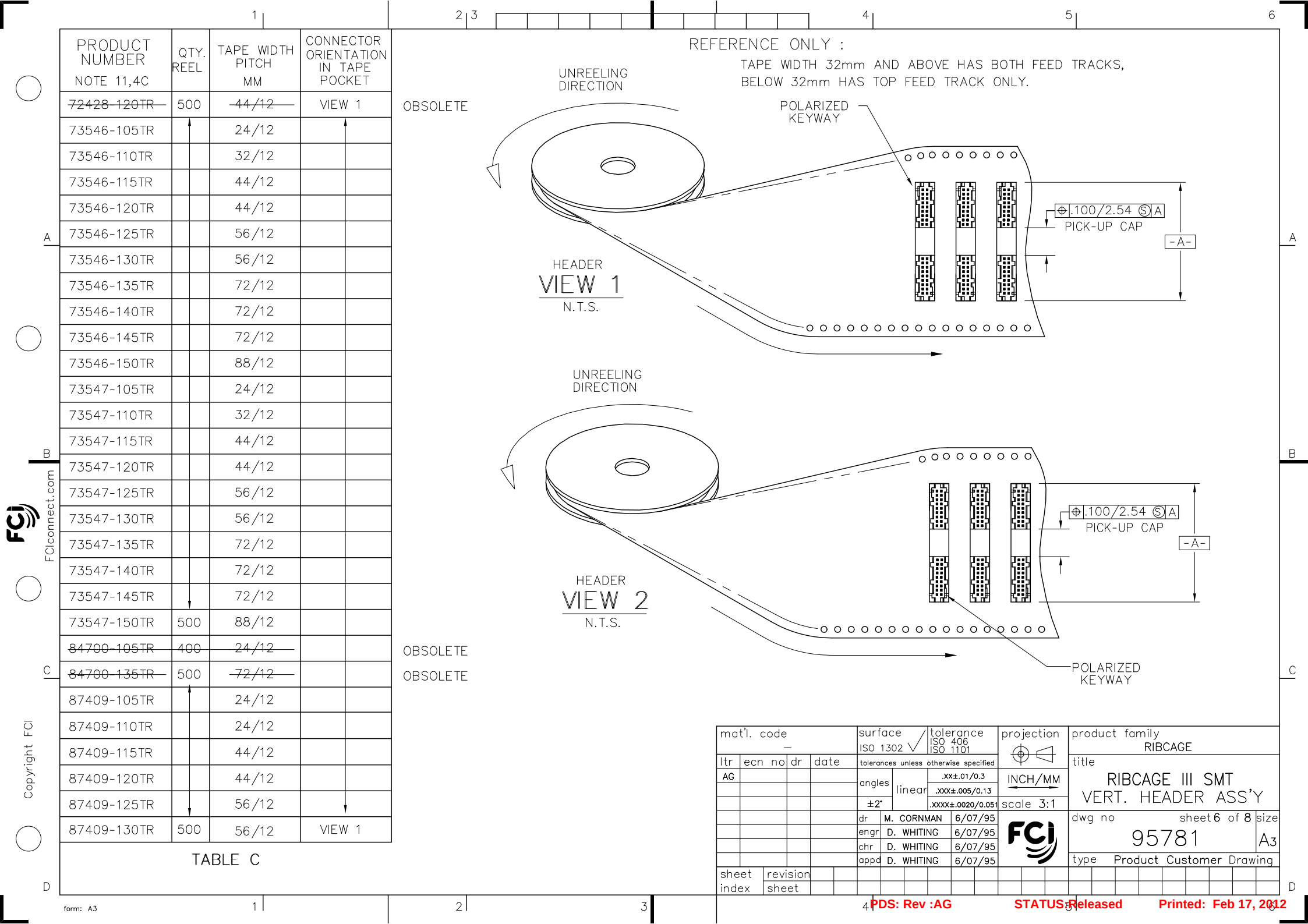
STYLE 6



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



Copyright FCI

FCIconnect.com

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									
litr		ecn no		dr		date		tolerances unless otherwise specified						title							
AG								angles		linear		.XX±.01/0.3		INCH/MM							
												.XXX±.005/0.13									
								±2"				.XXXX±.0020/0.051		scale 3:1							
								dr		M. CORNMAN		6/07/95		dwg no							
								enrg		D. WHITING		6/07/95		sheet 7 of 8							
								chr		D. WHITING		6/07/95		size							
								appd		D. WHITING		6/07/95		A3							
														type Product Customer Drawing							
sheet index		revision sheet																			

PDS: Rev :AG

STATUS:Released

Printed: Feb 17, 2012

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						 INCH/MM title RIBCAGE III SMT VERT. HEADER ASS'Y			
AG				angles		.XX±.01/0.3		scale 3:1					
				linear		.XXX±.005/0.13							
				±2°		.XXXX±.0020/0.051							
				dr		M. CORNMAN 6/07/95				dwg no sheet 8 of 8 size			
				engr		D. WHITING 6/07/95				95781 A3			
				chr		D. WHITING 6/07/95							
				appd		D. WHITING 6/07/95							
sheet index		revision sheet								type Product Customer Drawing			