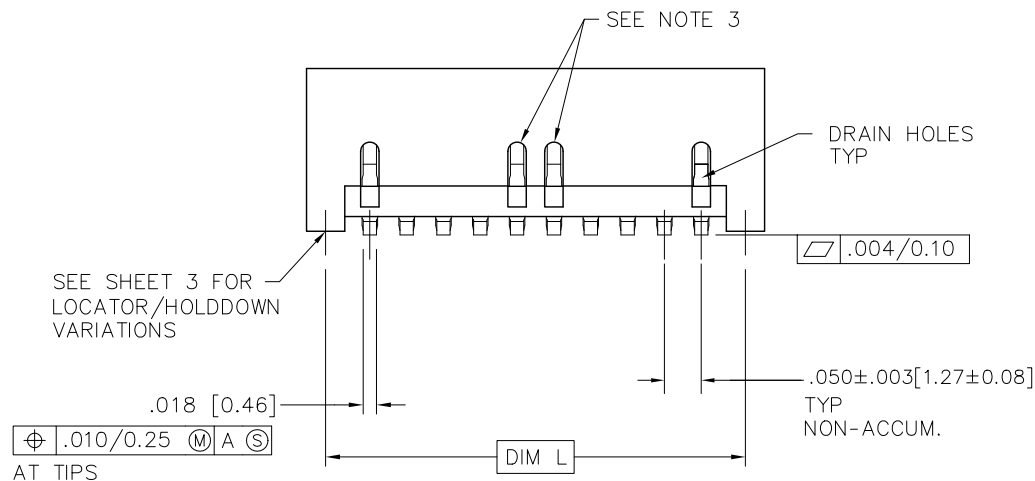
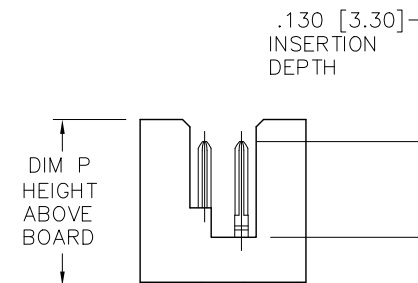
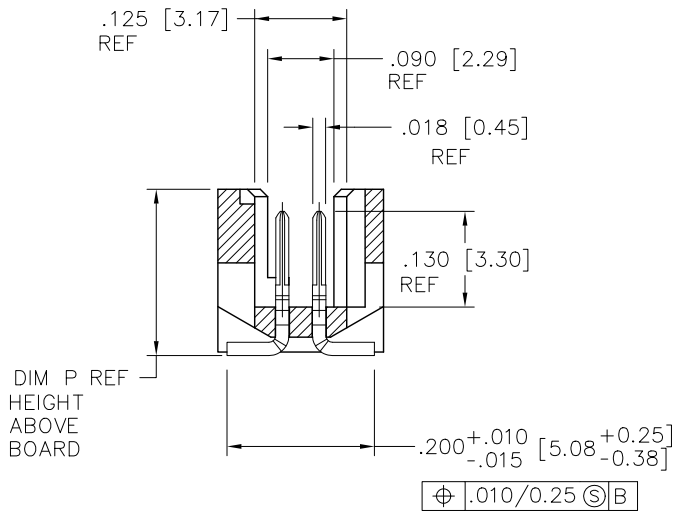


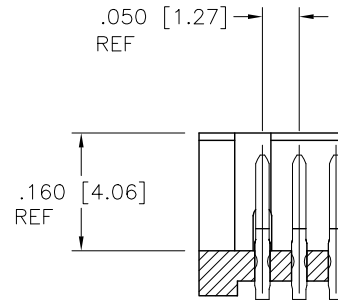


mat'l. code —				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 		product family RIBCAGE					
ltr		ecn no		dr		date		tolerances unless otherwise specified								title			
AA		M08-0245		MHT		8/27/08		angles linear		.XX±.01/0.3				INCH/MM		RIBCAGE III SMT VERT. HEADER ASS'Y			
AB		M09-0058		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



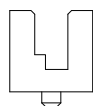
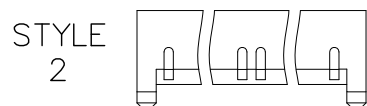
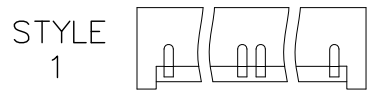
SECTION X-X
ROTATED 90° CW



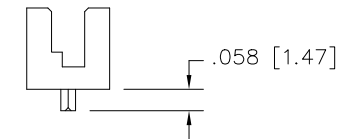
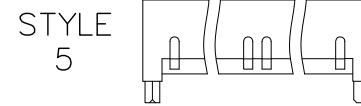
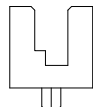
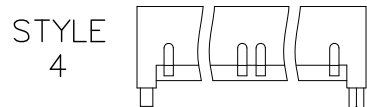
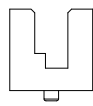
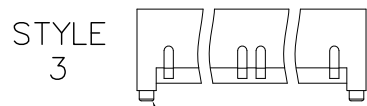
SECTION Y-Y

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection 	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° .XXXX±.0020/0.051	INCH/MM	RIBCAGE III SMT VERT. HEADER ASS'Y			
							scale 3:1	dwg no sheet 2 of 8 size			
						dr M. CORNMAN 6/07/95		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										

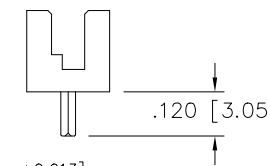
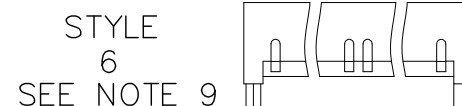
LOCATOR/HOLDDOWN VARIATIONS



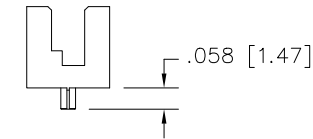
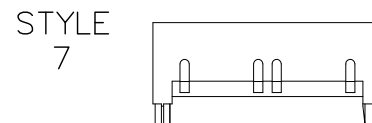
$\phi .0520$ [1.321]
 $\phi .040$ [1.02]
 $\phi .004/0.10$ (M) A (S) B (S) (ALL PEG CONFIGURATIONS)



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



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

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

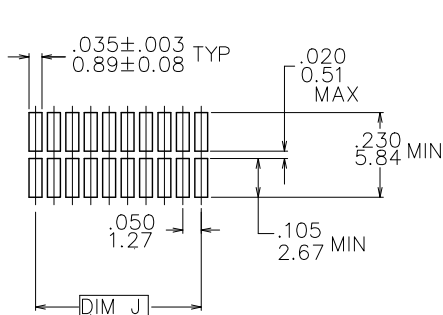
PDS: Rev :AG

STATUS: Released

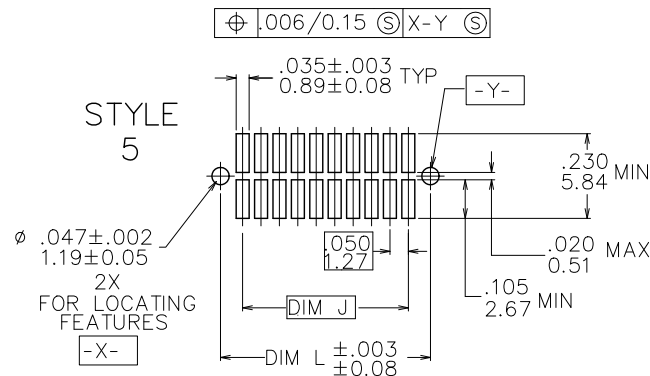
Printed: Feb 17, 2012

RECOMMENDED PCB MOUNTING PAD PATTERN

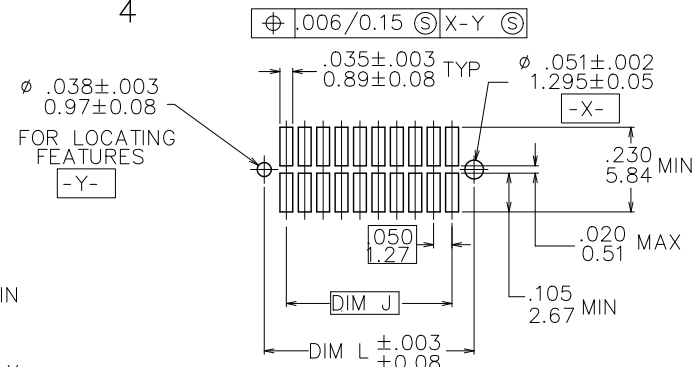
STYLE 1



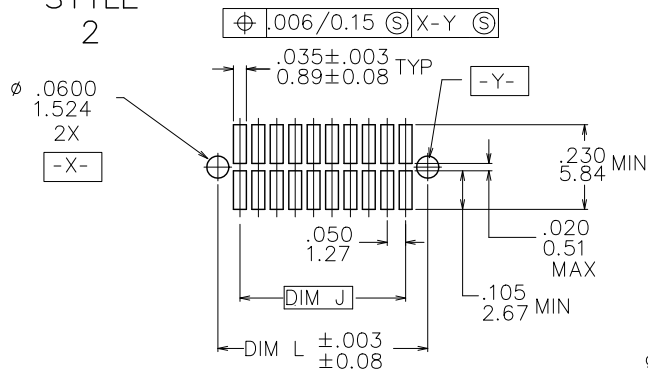
STYLE 5



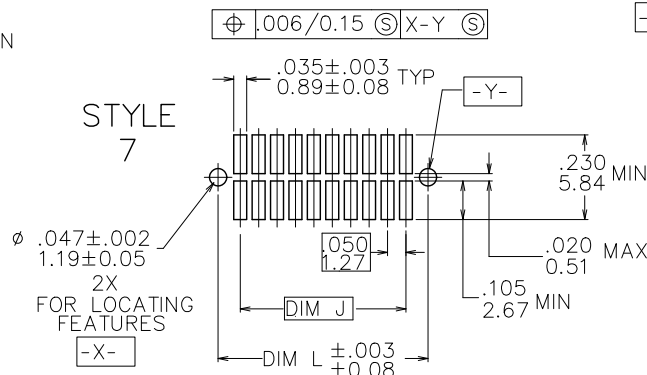
STYLE 4



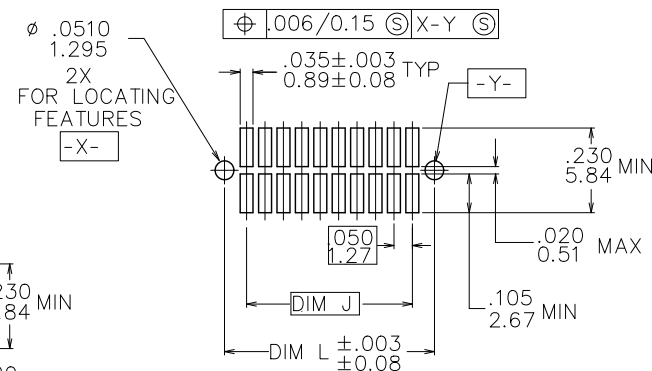
STYLE 2



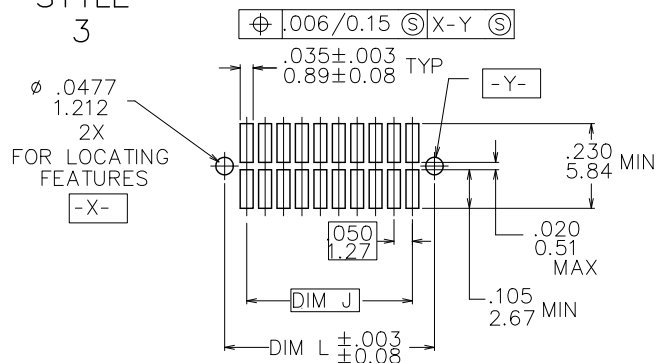
STYLE 7



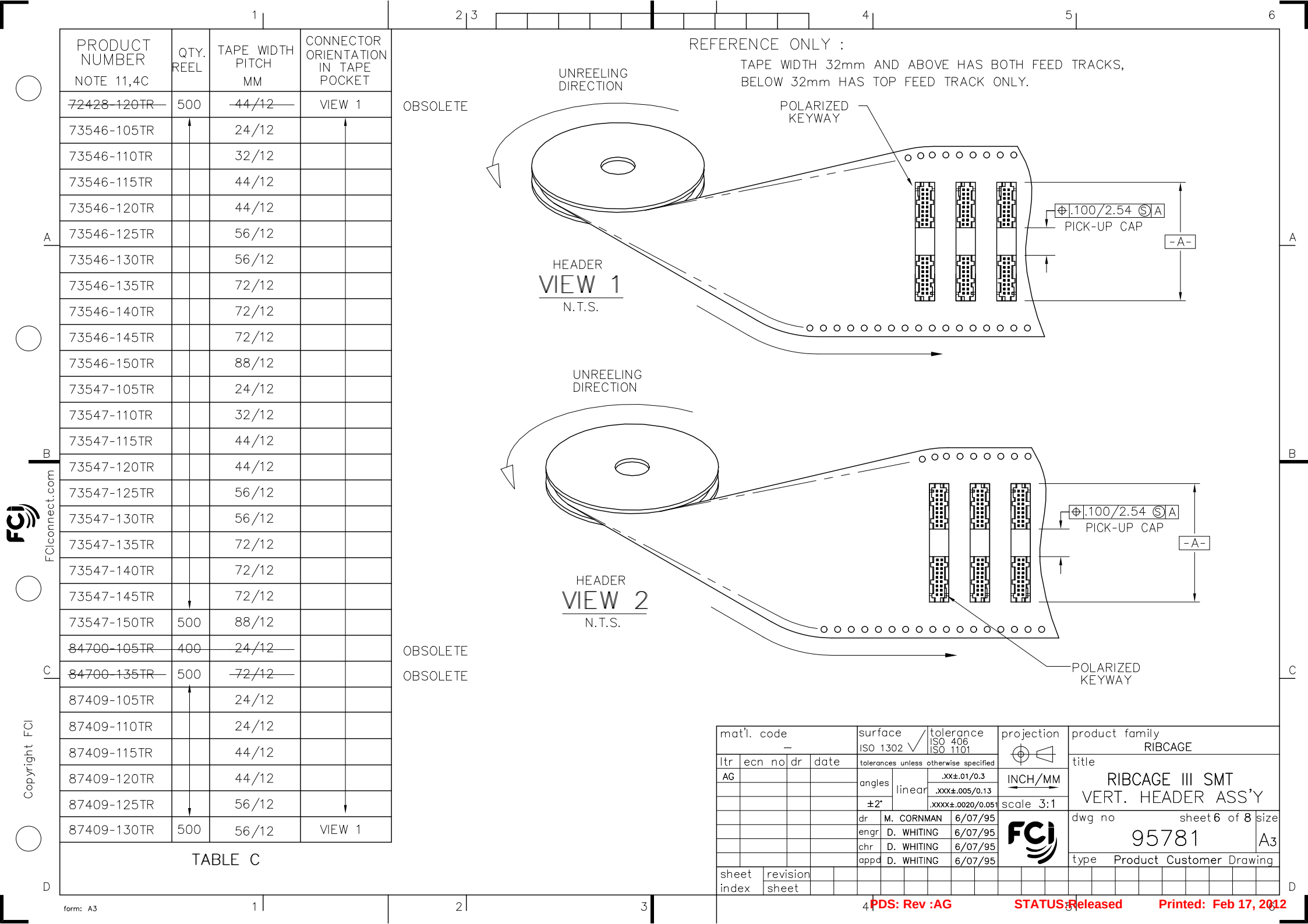
STYLE 6



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



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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					
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		FCI	
						enrg	D. WHITING	6/07/95		dwg no	
						chr	D. WHITING	6/07/95		sheet 7 of 8	
						appd	D. WHITING	6/07/95		size	
sheet		revision								type	
index		sheet								Product Customer Drawing	

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			
ltr ecn no dr date				tolerances unless otherwise specified				INCH/MM		title RIBCAGE III SMT VERT. HEADER ASS'Y			
AG				angles		.XX±.01/0.3							
				linear		.XXX±.005/0.13							
				±2°		.XXXX±.0020/0.051							
				dr		M. CORNMAN		6/07/95		dwg no			
				engr		D. WHITING		6/07/95		sheet8 of 8 size			
				chr		D. WHITING		6/07/95		95781 A3			
				appd		D. WHITING		6/07/95		type Product Customer Drawing			
sheet index		revision sheet											