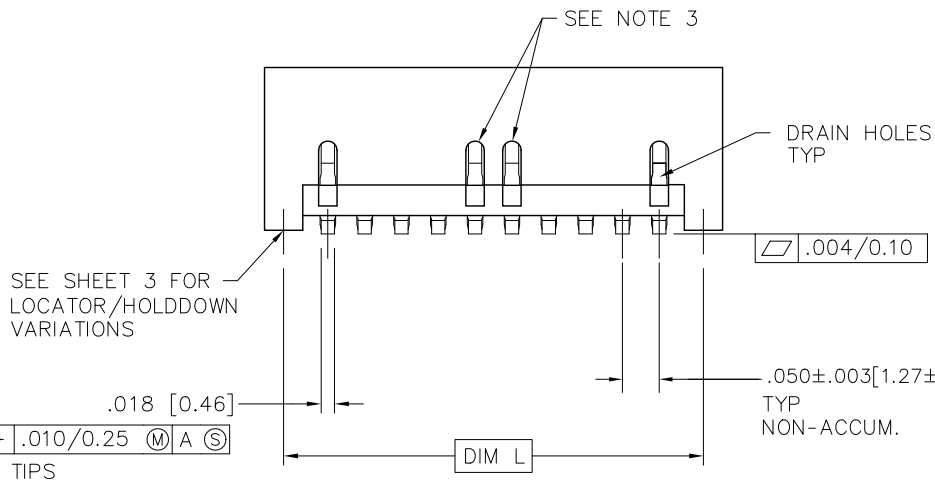
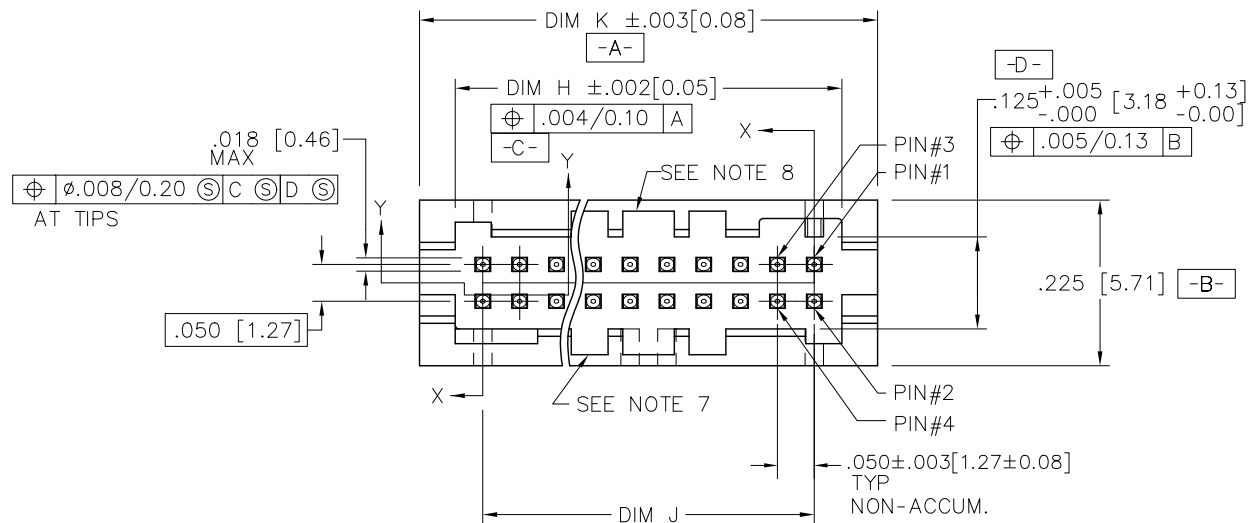
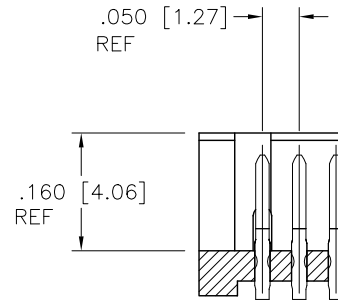
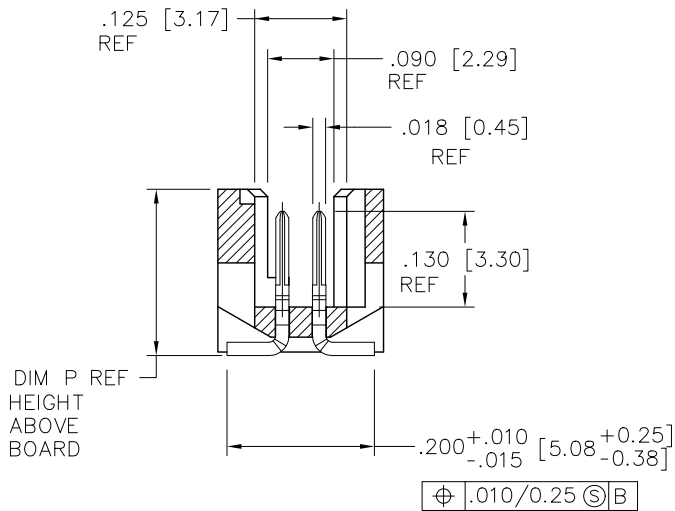


mat'l. code				surface				tolerance				projection				product family																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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AA	M08-0245	MHT		8/27/08				angles		linear		.XX±.01/0.3				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		scale 3:1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
AD	N10-0174	YO		6/17/10				dr	M. CORNMAN		6/07/95				dwg no				sheet 1 of 8		size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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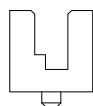
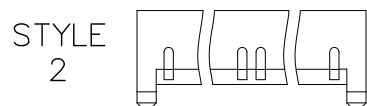
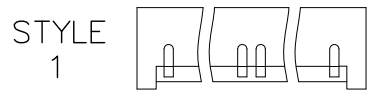
SIZE	DIM H	DIM J	DIM K	DIM L
2X5	.275/6.99	.200/5.08	.372/9.45	.320/8.13
2X10	.525/13.34	.450/11.43	.622/15.80	.570/14.48
2X15	.775/19.68	.700/17.78	.872/22.15	.820/20.83
2X20	1.025/26.03	.950/24.13	1.122/28.50	1.070/27.18
2X25	1.275/32.38	1.200/30.48	1.372/34.85	1.320/33.53
2X30	1.525/38.74	1.450/36.83	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



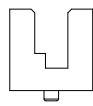
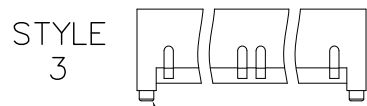
SECTION Y-Y

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°	.XXX±.005/0.13 .XXXX±.0020/0.051		dwg no		
				dr	M. CORNMAN	6/07/95	FCI	sheet 2 of 8		size
				enrg	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									

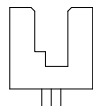
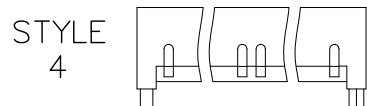
LOCATOR/HOLDDOWN VARIATIONS



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

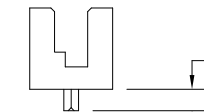
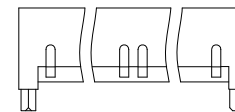


$R.0050$ [0.127]
 $\phi .0394$ [1.000]
 $.028$ [0.71]
 $.024$ [0.61]



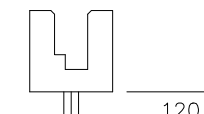
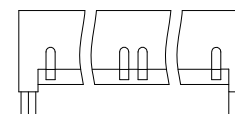
$.008[0.20] \times 45^\circ$
 $\phi .034 \pm .001$ [0.86 $\pm$ 0.03]
 $.0520^{+.0005}_{-.0010}$ [1.321 $\pm$ 0.013]
 $.0030$ [0.076]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]
 $.008 \pm .003$ [0.20 $\pm$ 0.08]

STYLE 5



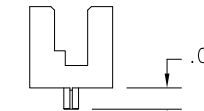
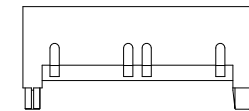
$.0470^{+.0005}_{-.0010}$ [1.194 $\pm$ 0.013]
 $.0470^{+.0005}_{-.0010}$ [1.194 $\pm$ 0.013]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]
 $.040^{+.001}_{-.002}$ [1.02 $\pm$ 0.03]

STYLE 6
 SEE NOTE 9



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

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

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		RIBCAGE III SMT VERT. HEADER ASS'Y	
						$\pm 2^\circ$	scale 3:1	dwg no	
								sheet 3 of 8	
				dr	M. CORNMAN	6/07/95	FCI	size	
				enr	D. WHITING	6/07/95		95781	
				chr	D. WHITING	6/07/95		A3	
				appd	D. WHITING	6/07/95		type Product Customer Drawing	
sheet index	revision sheet								

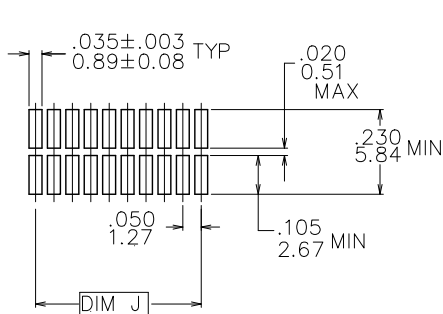
PDS: Rev :AG

STATUS: Released

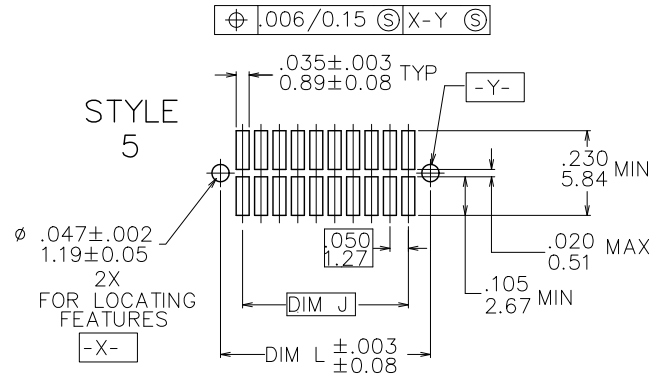
Printed: Feb 17, 2012

RECOMMENDED PCB MOUNTING PAD PATTERN

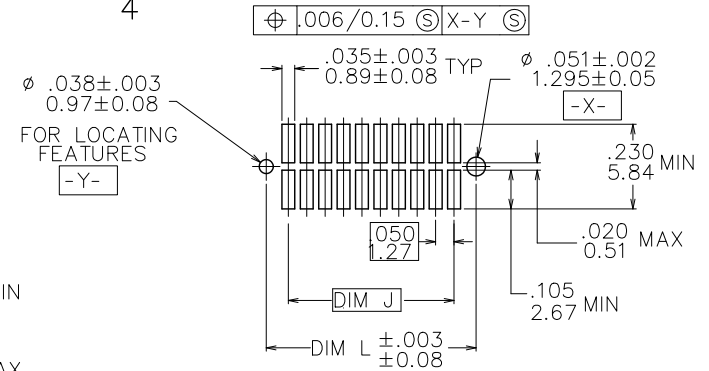
STYLE 1



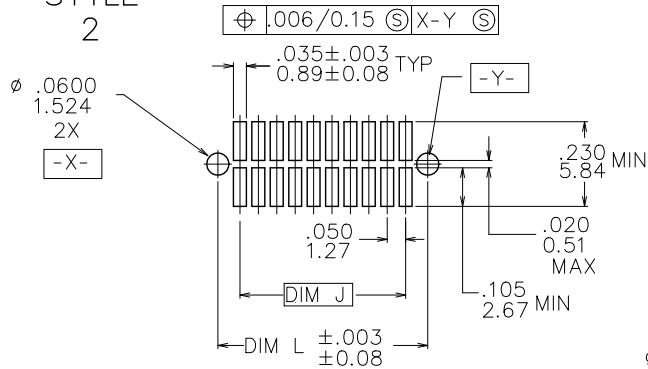
STYLE 5



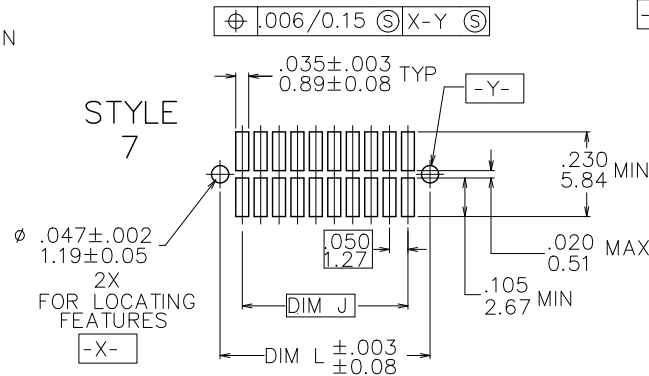
STYLE 4



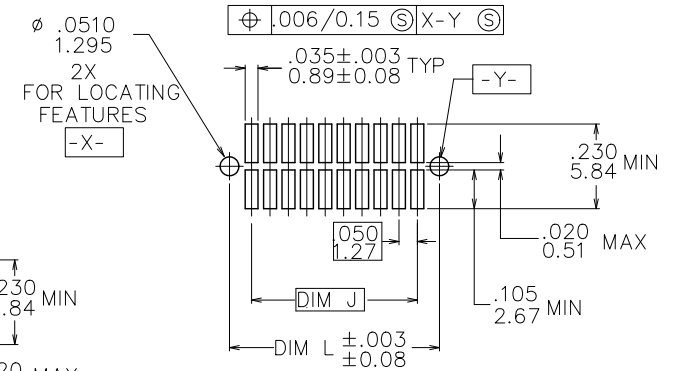
STYLE 2



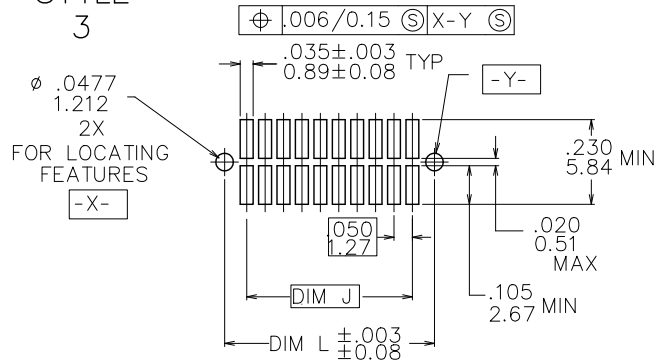
STYLE 7



STYLE 6



STYLE 3



mat'l. code —					surface 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		dwg no sheet 4 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							
sheet index		revision sheet														

PRODUCT NUMBER NOTE 11,4C	QTY. REEL	TAPE WIDTH PITCH MM	CONNECTOR ORIENTATION IN TAPE POCKET
72428-120TR	500	44/12	VIEW 1
73546-105TR		24/12	
73546-110TR		32/12	
73546-115TR		44/12	
73546-120TR		44/12	
73546-125TR		56/12	
73546-130TR		56/12	
73546-135TR		72/12	
73546-140TR		72/12	
73546-145TR		72/12	
73546-150TR		88/12	
73547-105TR		24/12	
73547-110TR		32/12	
73547-115TR		44/12	
73547-120TR		44/12	
73547-125TR		56/12	
73547-130TR		56/12	
73547-135TR		72/12	
73547-140TR		72/12	
73547-145TR		72/12	
73547-150TR	500	88/12	
84700-105TR	400	24/12	
84700-135TR	500	72/12	
87409-105TR		24/12	
87409-110TR		24/12	
87409-115TR		44/12	
87409-120TR		44/12	
87409-125TR		56/12	
87409-130TR	500	56/12	VIEW 1

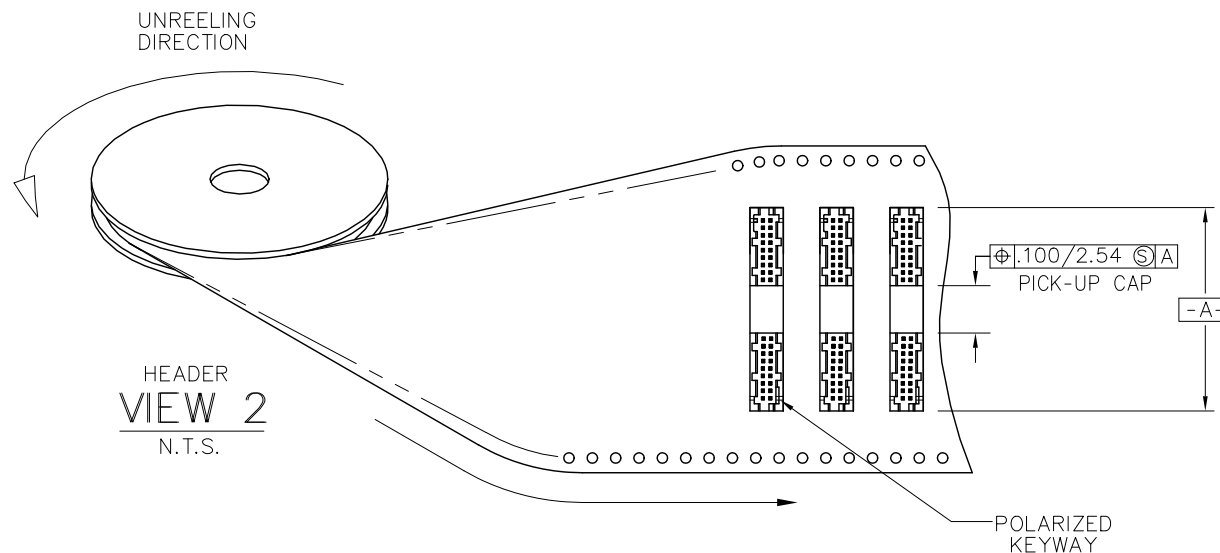
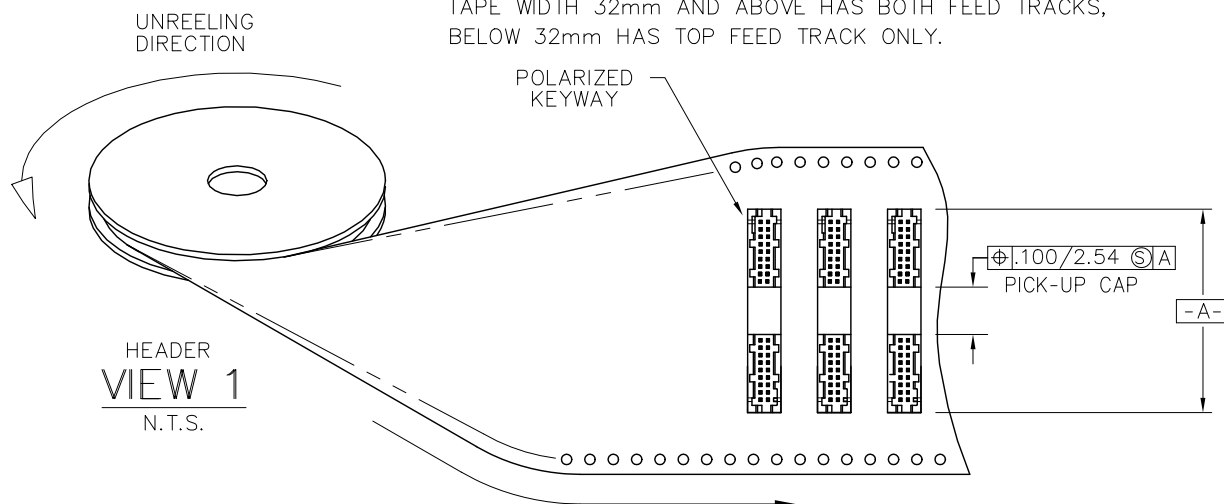
TABLE C

OBSOLETE

OBSOLETE

OBSOLETE

REFERENCE ONLY :

TAPE WIDTH 32mm AND ABOVE HAS BOTH FEED TRACKS,
BELOW 32mm HAS TOP FEED TRACK ONLY.

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

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1

2

3

4

5

6

A

B

C

D

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

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

FCI

dwg no

95781

sheet 7 of 8

size

A3

type

Product Customer Drawing

sheet index

revision

sheet

4

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

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

revision

sheet

index

type

Product Customer Drawing

dwg no

sheet 8 of 8

size

A3

FCI

form: A3

1

2

3

4

5

6

STATUS: Released

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