


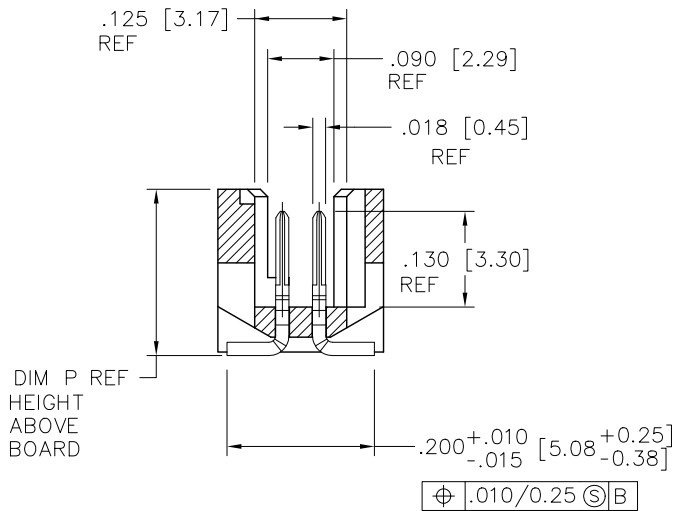
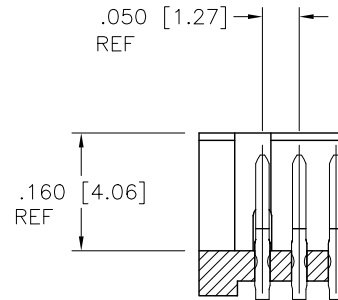


mat'l. code —				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 				product family RIBCAGE											
ltr ecn no dr date				tolerances unless otherwise specified												 INCH/MM scale 3:1				title RIBCAGE III SMT VERT. HEADER ASS'Y							
AA M08-0245 MHT 8/27/08				angles				linear				.XX±.01/0.3															
AB M09-0058 MHT 4/04/09												.XXX±.005/0.13				dwg no 95781 sheet 1 of 8 size A3											
AC M09-0087 MHT 06/10/09				±2'								.XXXX±.0020/0.05'															
AD N10-0174 YO 6/17/10				dr		M. CORNMAN		6/07/95						type Product Customer Drawing													
AE ELX-N-004143 YO 06/20/11				engr		D. WHITING		6/07/95																			
AF ELX-N-004656 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											
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



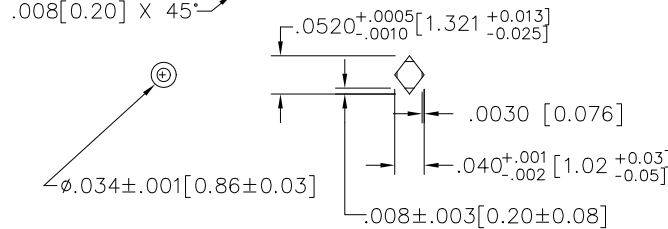
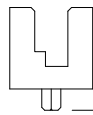
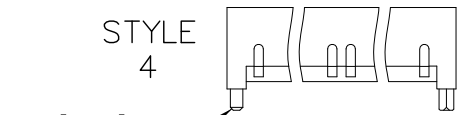
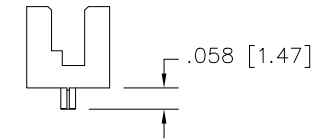
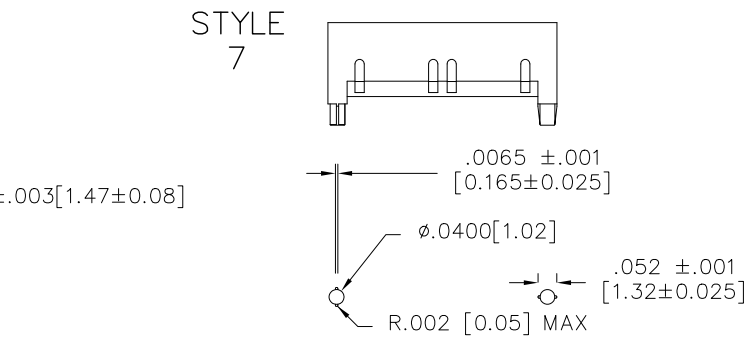
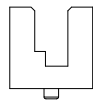
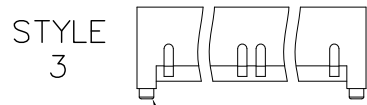
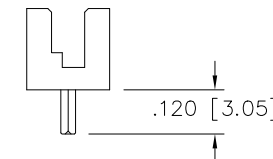
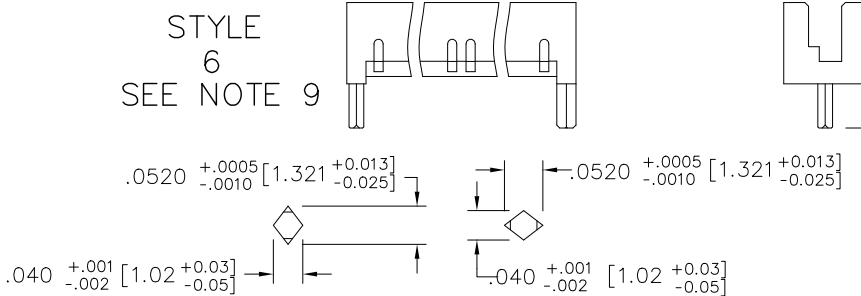
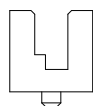
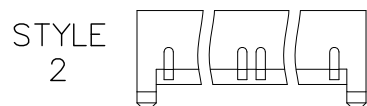
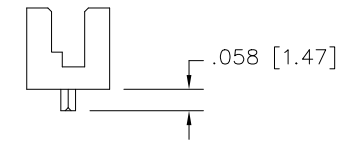
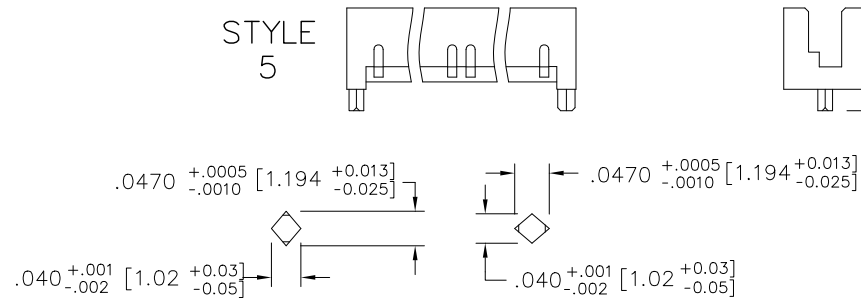
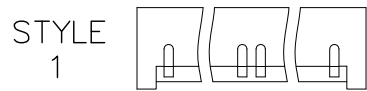
SECTION X-X
ROTATED 90° CW



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

LOCATOR/HOLDDOWN VARIATIONS



⌀ .004/0.10 (M) A (S) B (S) (ALL PEG CONFIGURATIONS)

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
					±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						

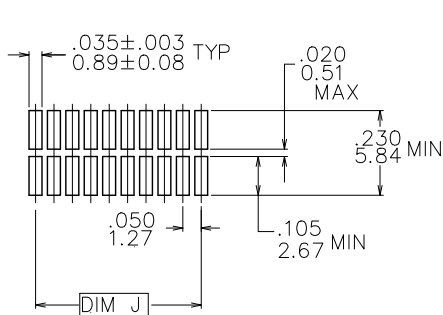
PDS: Rev :AG

STATUS: Released

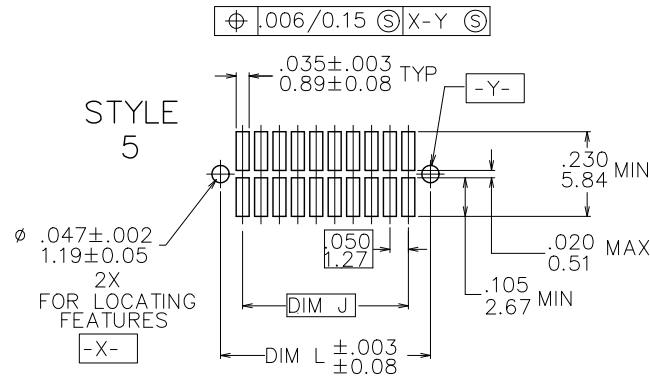
Printed: Feb 17, 2012

RECOMMENDED PCB MOUNTING PAD PATTERN

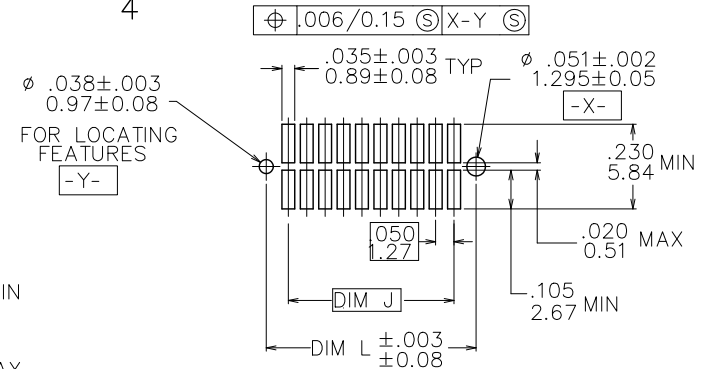
STYLE
1



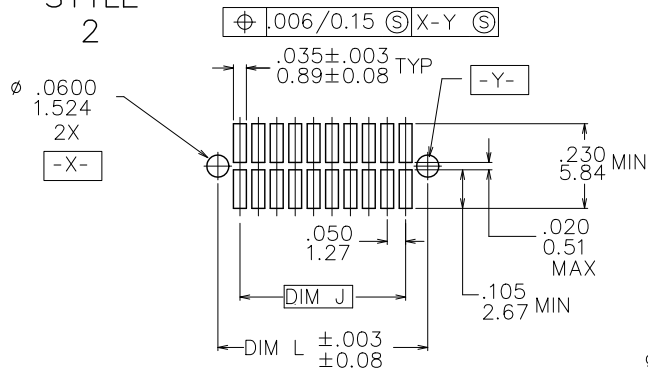
STYLE
5



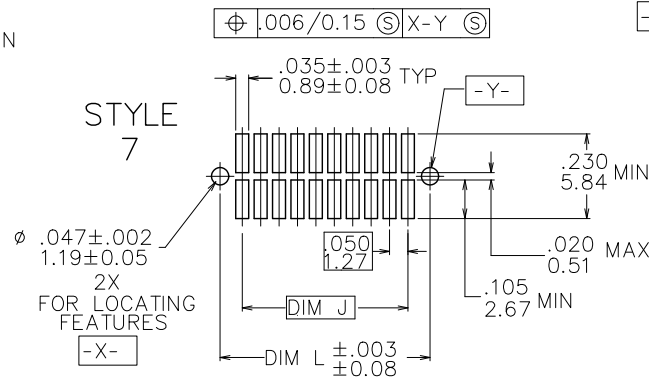
STYLE
4



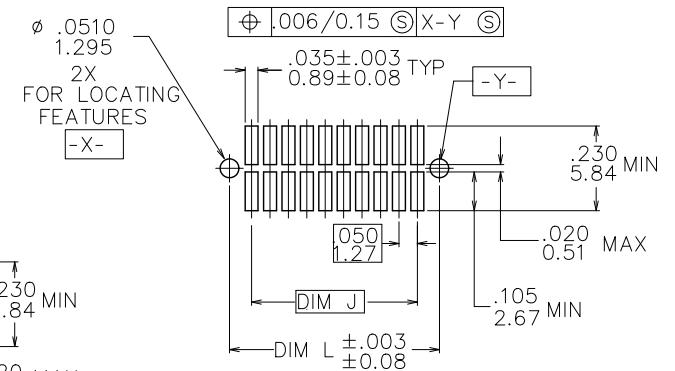
STYLE
2



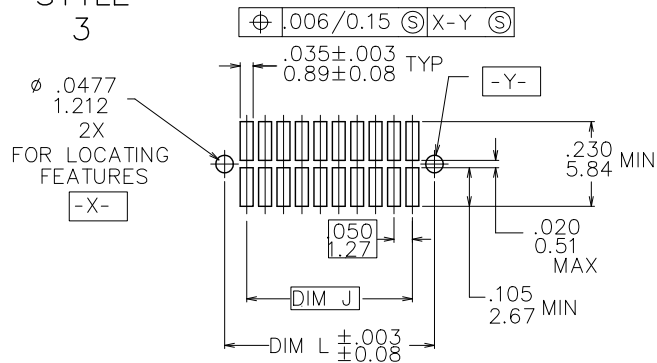
STYLE
7





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'		INCH/MM		RIBCAGE III SMT VERT. HEADER ASS'Y			
									.XXX±.0020/0.051		scale 3:1					
					dr	M. CORNMAN		6/07/95				dwg no		sheet 4 of 8		size
					enrg	D. WHITING		6/07/95				95781				A3
					chr	D. WHITING		6/07/95								
					appd	D. WHITING		6/07/95								
sheet index		revision sheet														

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PRODUCT NUMBER NOTE 1,4A & 4B	DIM P HEIGHT ABOVE BOARD (REF.)	HOLDDOWN STYLE	
72428-1XX	.244/6.20	1	OBSOLETE
73546-1XX	.364/9.25	1	
73547-1XX	.364/9.25	2	
73548-1XX	.364/9.25	4	
84700-1XX	.226/5.74	7	OBSOLETE
84701-1XX	.298/7.57	7	OBSOLETE
84734-1XX	.364/9.25	7	OBSOLETE
87401-1XX	.226/5.74	6	
87409-1XX	.226/5.74	2	
87849-1XX	.226/5.74	1	
88566-1XX	.260/6.60	2	
90098-1XX	.298/7.57	2	
90863-1XX	.226/5.74	1	SEE NOTE 10
91036-1XX	.364/9.25	5	
91423-1XX	.226/5.74	2	* OBSOLETE
91855-1XX	.226/5.74	5	OBSOLETE
92099-1XX	.226/5.74	4	OBSOLETE
92412-1XX	.298/7.57	4	OBSOLETE
93206-1XX	.226/5.74	3	
93221-1XX	.298/7.57	1	
93289-1XX	.298/7.57	5	

TABLE A

CUSTOMER SPECIAL

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	.XX±.01/0.3	INCH/MM		RIBCAGE III SMT	
							.XXX±.005/0.13			VERT. HEADER ASS'Y	
					±2"		.XXXX±.0020/0.051	scale 3:1			
					dr	M. CORNMAN	6/07/95			dwg no	
					enrg	D. WHITING	6/07/95			sheet 5 of 8	
					chr	D. WHITING	6/07/95			size	
					appd	D. WHITING	6/07/95			A3	
sheet index		revision sheet								type Product Customer Drawing	

PDS: Rev :AG

STATUS:Released

Printed: Feb 17, 2012

form: A3

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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

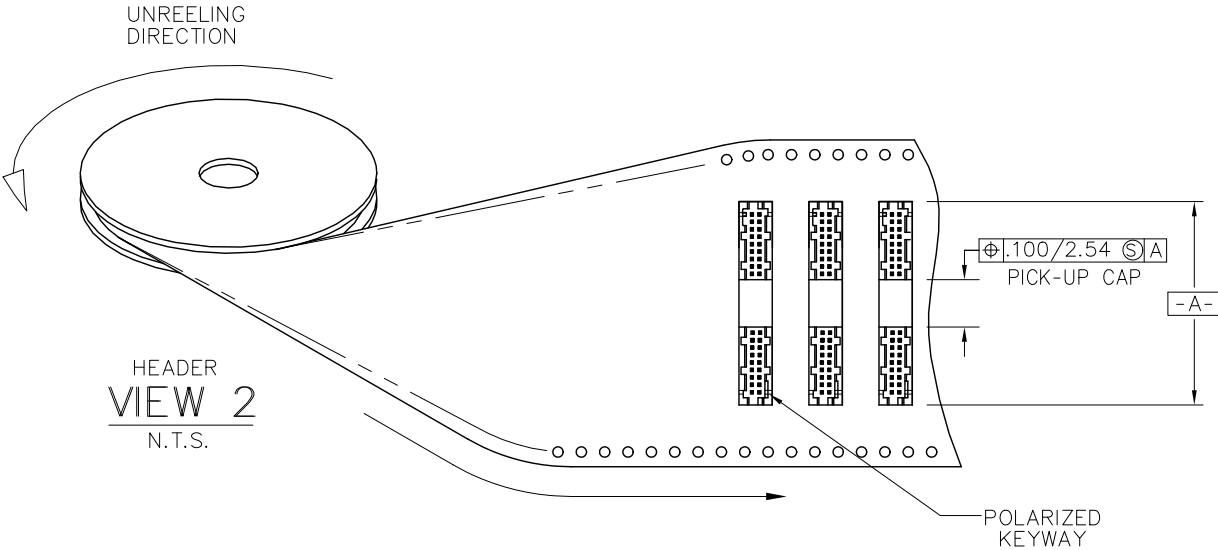
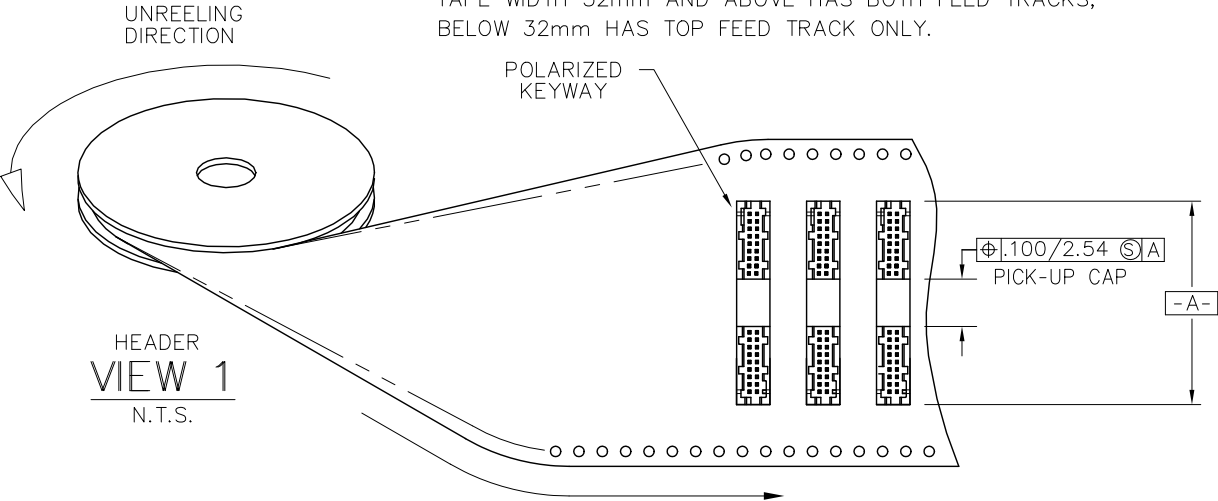
OBSOLETE

OBSOLETE

OBSOLETE

REFERENCE ONLY :

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



mat'l. code -				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection Φ	product family RIBCAGE
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM	title
AG					linear .XX±.01/0.3		RIBCAGE III SMT
					linear .XXX±.005/0.13		VERT. HEADER ASS'Y
					linear ±2' .XXXX±.0020/0.051	scale 3:1	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 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

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

sheet 7 of 8

size

95781

A3

type

Product Customer Drawing

sheet index

revision

sheet

4

PDS: Rev :AG

STATUS:Released

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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

type

Product Customer Drawing

dwg no

95781

sheet 8 of 8

size

A3

FCI

form: A3

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