

PRODUCT NUMBER
SEE TABLE

$\Phi .008/0.20$ (M) C (M) D (M)

AT TIPS
.018 [0.46]
MAX

.050 [1.27]

$\pm .010$ [.25]
DIM N

DIM K -A-
DIM H $\pm .002$ [0.05]
 $\Phi .004/0.10$ A
-C-

SEE NOTE 10
Y
X

.150 [3.81]
2X

$.125^{+.005}_{-.000}$ [3.17 $^{+0.13}_{-0.00}$]

$\Phi .005/0.13$ B
-D-

$.225 \pm .002$ [5.71 ± 0.05]
-B-

.080 [2.03]

.050 [1.27]

DETAIL S

DIM J

NOTE 1
 $\Phi .108$ [2.74]
2X
DIM L
DIM G
 $\Phi .010/0.25$ (S) A (S)

45° $\pm 5^\circ$
TYP
.0060 [0.15]
.003 [0.08]
MAX FLAT

DETAIL S
SCALE 10/1

.240 [6.10]
.200 [5.08]
.087 [2.21]
2X
.080 [2.03]
2X (MFG OPTION)
.121 [3.07]
.050 [1.27]
.201 [5.11]
.025 [0.64]

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			
H	M05-0123	MHT	6/07/05	angles	linear	$.XX \pm .01/0.3$	RIBCAGE HORIZONTAL HEADER ASSEMBLY			
J	M05-0196	MHT	9/13/05			$.XXX \pm .005/0.13$				
K	M06-0225	ERE	06/12/06	$0^\circ \pm x^\circ$		$.XXXX \pm .0020/0.051$	scale 3:1			
L	M06-0370	MHT	9/26/06	dr	M. CORNMANN	6/6/95				
M	M09-0058	MHT	4/02/09	enrg	D. WHITING	6/6/95				
N	N10-0122	YOH	5/11/10	chr	D. WHITING	6/6/95				
				appd	D. WHITING	6/6/95				
sheet	revision	N	N	N	N		dwg no			
index	sheet	1	2	3	4		95780			
							type Product Customer Drawing			
							sheet 1 of 4 size A3			

PDM: Rev: N

STATUS: Released

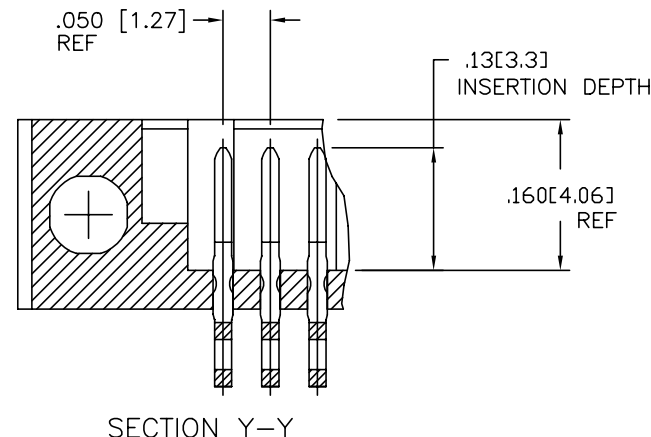
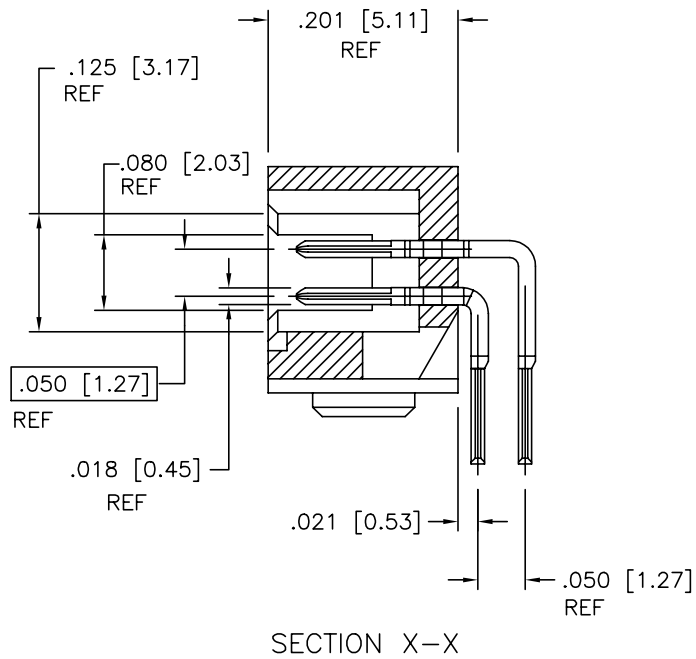
Printed: May 15, 2010



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D

PRODUCT NUMBER
SEE TABLE



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	
N												RIBCAGE HORIZONTAL HEADER ASSEMBLY	
								INCH/MM		scale 3:1			

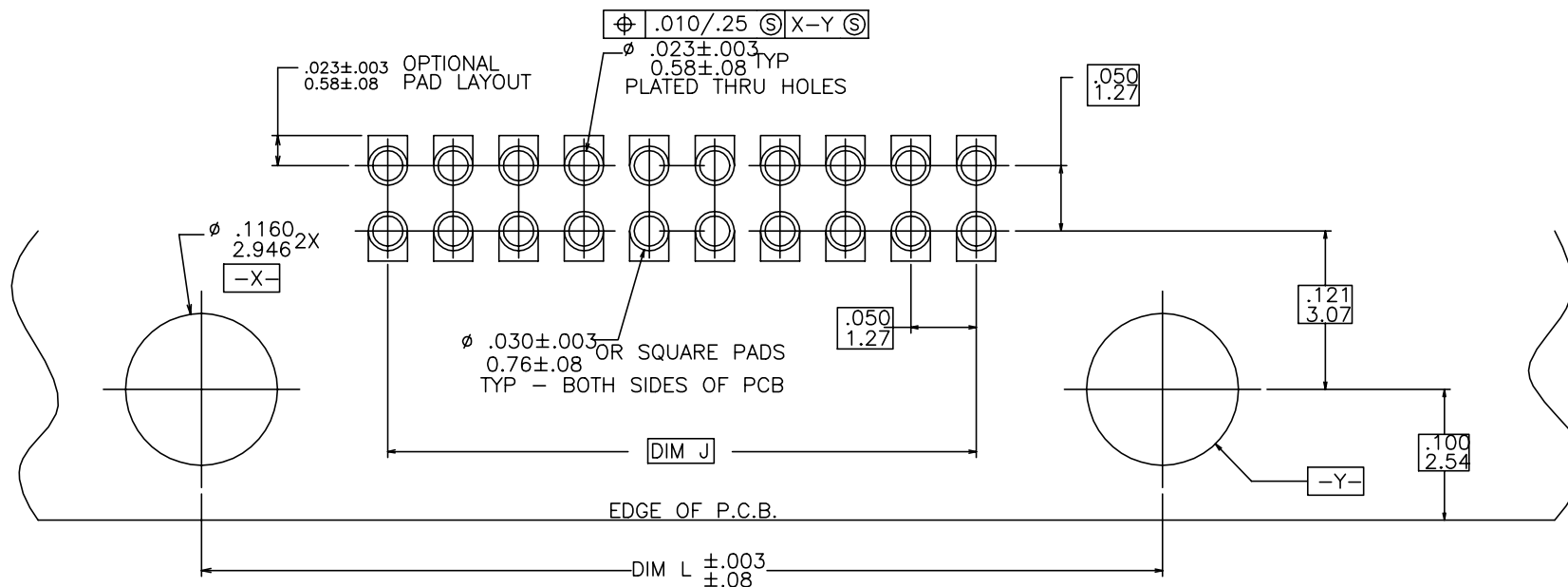


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PRODUCT NO. NOTE 5,6		SIZE	DIM G	DIM H	DIM J	DIM K	DIM L	TAIL LENGTH DIM N
93120 OR 87402	-105	2X5	.635/16.13	.275/6.90	.200/5.08	.380/9.65	.485/12.32	.075/1.90
	-110	2X10	.885/22.48	.525/13.34	.450/11.43	.630/16.00	.735/18.67	
	-115	2X15	1.135/28.83	.775/19.68	.700/17.78	.880/22.35	.985/25.02	
	-120	2X20	1.385/35.18	1.025/26.03	.950/24.13	1.130/28.70	1.235/31.37	
	-125	2X25	1.635/41.52	1.275/32.38	1.200/30.48	1.380/35.05	1.485/37.72	
	-130	2X30	1.885/47.88	1.525/38.74	1.450/36.83	1.630/41.40	1.735/44.07	
	-135	2X35	2.135/54.23	1.775/45.08	1.700/43.18	1.880/47.75	1.985/50.42	
	-140	2X40	2.385/60.58	2.025/51.43	1.950/49.53	2.130/54.10	2.235/56.77	
	-145	2X45	2.635/66.93	2.275/57.78	2.200/55.88	2.380/60.45	2.485/63.12	
	-150	2X50	2.885/73.28	2.525/64.14	2.450/62.23	2.630/66.80	2.735/69.47	.075/1.90
	-150N	2X50	2.885/73.28	2.525/64.14	2.450/62.23	2.630/66.80	2.735/69.47	.125/3.18
	-305	2X5	.635/16.13	.275/6.90	.200/5.08	.380/9.65	.485/12.32	.085/2.16
	-310	2X10	.885/22.48	.525/13.34	.450/11.43	.630/16.00	.735/18.67	
	-320	2X20	1.385/35.18	1.025/26.03	.950/24.133	1.130/28.70	1.235/31.37	
	-330	2X30	1.885/47.88	1.525/38.74	1.450/36.83	1.630/41.40	1.735/44.07	
	-345	2X45	2.635/66.93	2.275/57.78	2.200/55.88	2.380/60.45	2.485/63.12	.085/2.16
	-510	2X10	.885/22.48	.525/13.34	.450/11.43	.630/16.00	.735/18.67	.125/3.18
	-515	2X15	1.135/28.83	.775/19.68	.700/17.78	.880/22.35	.985/25.02	
	-520	2X20	1.385/35.18	1.025/26.03	.950/24.13	1.130/28.70	1.235/31.37	
	-525	2X25	1.635/41.52	1.275/32.38	1.200/30.48	1.380/35.05	1.485/37.72	
93120 OR 87402	-530	2X30	1.885/47.88	1.525/38.74	1.450/36.83	1.630/41.40	1.735/44.07	.125/3.18

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											
N								linear		RIBCAGE HORIZONTAL HEADER ASSEMBLY											
								.XX±.01/0.3		INCH/MM											
								.XXX±.005/0.13													
								.XXXX±.0020/0.051		scale 3:1											
								dr		M. CORNMAN		6/6/95									
								enrg		D. WHITING		6/6/95									
								chr		D. WHITING		6/6/95									
								appd		D. WHITING		6/6/95									
sheet index		revision sheet																			

PRODUCT NUMBER
SEE TABLE



RECOMMENDED P.C.B. LAYOUT
SCALE 20/1

NOTES:

- HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT PER UL 94V-0.
COLOR: NATURAL.
- TERMINAL PLATING:
30u"/.76u MIN HARD Au OVER 50u"/1.27uNi ON CONTACT ZONES.
200u"/5.08u MIN Sn OVER 50u"/1.27u Ni IN SOLDERING ZONES.
- CORING IN CENTER TO BE PRESENT ON PARTS THAT ARE 2X40 OR LARGER.
- SUGGESTED FASTENERS:
#2 HI-LO THREAD 1/4" PANHEAD.
FASTECH INC.
(516) 242-5699
OR;
#1 CAPHEAD SCREW (3/8" LONG) AND NUT FOR (.062/1.57 BOARD).
- 93120 AND 87402 ARE THE SAME. PLEASE ORDER AS 93120.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- MOLDING FLOW RESTRICTOR QUANTITY AND LOCATION IS MANUFACTURING OPTION.
- VACUUM CAP SLOT REQUIRED ON ALL SIZES, SLOT MAY BE LOCATED ON OPPOSITE SIDE FOR 2 X 5.

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-				ISO 1302	ISO 406 ISO 1101		RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 3:1	title			
N				angles	linear		RIBCAGE HORIZONTAL HEADER ASSEMBLY			
					.XX $\pm$.01/0.3					
					.XXX $\pm$.005/0.13					
				0' $\pm$ x'	.XXXX $\pm$.0020/0.051		dwg no			
				dr	M. CORNMANN	6/6/95	sheet 4 of 4			
				enrg	D. WHITING	6/6/95	size			
				chr	D. WHITING	6/6/95	95780			
				appd	D. WHITING	6/6/95	type			
sheet		revision					Product Customer Drawing			
index		sheet								