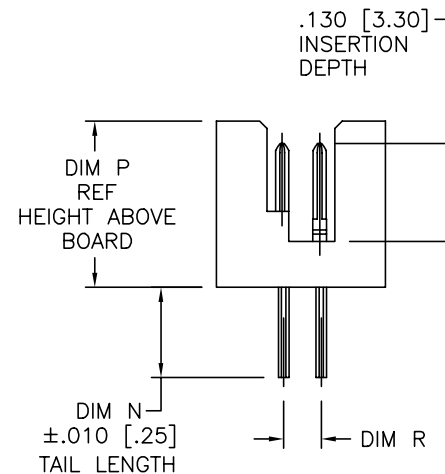
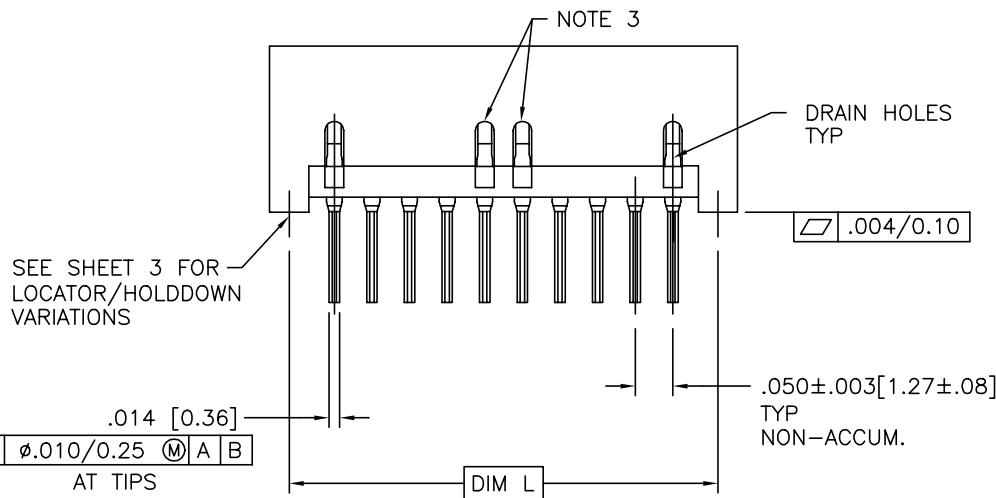
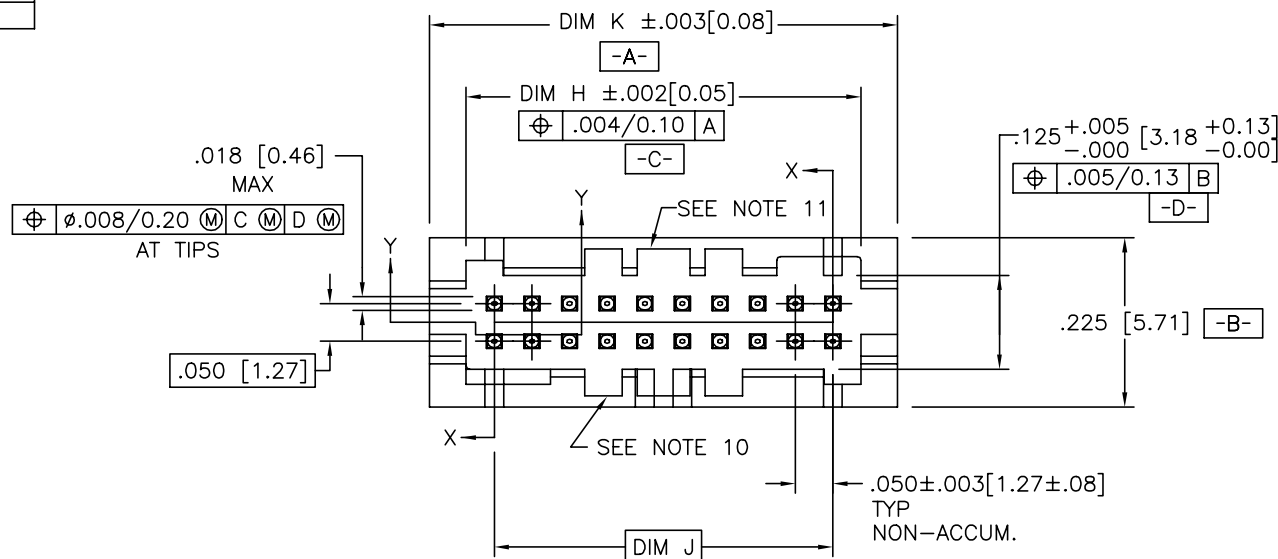


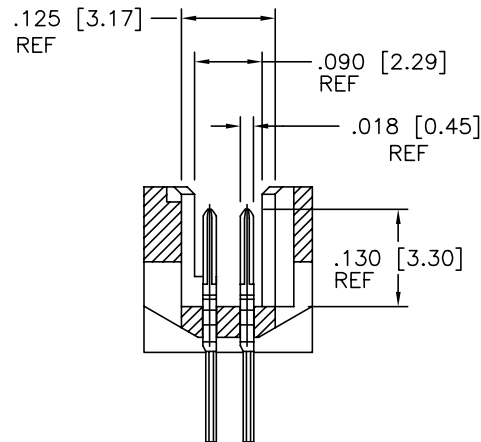
PRODUCT NUMBER
SEE TABLE



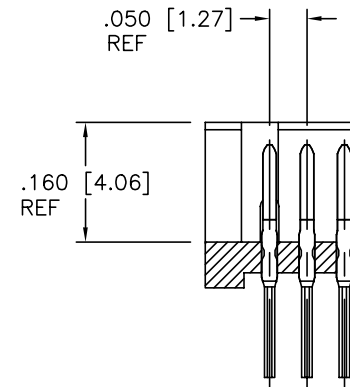
mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101		RIBCAGE			
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH/MM scale 4:1	title RIBCAGE III T/M VERT. HEADER ASS'Y			
L	J10329	CRG	6/6/01	angles	linear					
M	M05-0123	MHT	6/6/05							
N	M06-0225	ERE	06/12/06	0°±2°						
P	M06-0370	MHT	9/26/06	dr	M. CORNMANN	6/6/95				
R	M09-0058	MHT	4/04/09	engr	D. WHITING	6/6/95	dwg no			
S	N10-0122	YOH	5/10/10	chr	D. WHITING	6/6/95				
				appd	D. WHITING	6/6/95	sheet 1 of 6 size			
sheet	revision	S	S	S	S	S				
index	sheet	1	2	3	4	5	95776			
							A3			
							type Product Customer Drawing			

PRODUCT NUMBER
SEE TABLE

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	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101		RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title			
S				angles	linear		RIBCAGE III T/M VERT. HEADER ASS'Y			
					.XX±.01/0.3					
					.XXX±.005/0.13					
				0°±2'	.XXXX±.0020/0.051	scale 4:1	dwg no			
				dr	M. CORNMAN	6/6/95	sheet 2 of 6			
				enrg	D. WHITING	6/6/95	size			
				chr	D. WHITING	6/6/95	95776			
				appd	D. WHITING	6/6/95	type			
sheet		revision					Product Customer Drawing			
index		sheet								

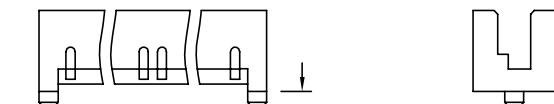
PRODUCT NUMBER
SEE TABLE

LOCATOR/HOLDDOWN VARIATIONS

STYLE
1

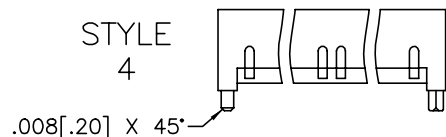


STYLE
2



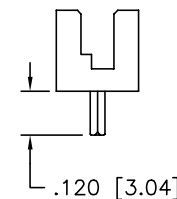
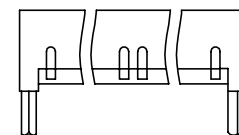
$\phi .0520 [1.321]$
 $\phi .004/0.10 \text{ (M)} \text{ A B}$
(ALL PEG CONFIGURATIONS)

STYLE
4



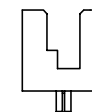
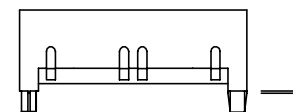
$\phi .034 \pm .001 [0.86 \pm .03]$
 $\phi .0520 \pm .0005 [1.321 \pm .013]$
 $\phi .0030 [0.076]$
 $\phi .040 \pm .001 [1.02 \pm .03]$
 $\phi .008 \pm .003 [.20 \pm .08]$

STYLE
6



$\phi .0520 \pm .0005 [1.321 \pm .013]$
 $\phi .040 \pm .001 [1.02 \pm .03]$
 $\phi .0520 \pm .0005 [1.321 \pm .013]$
 $\phi .040 \pm .001 [1.02 \pm .03]$

STYLE
7



$\phi .006 \pm 0.002 [0.15 \pm 0.05]$
 $\phi .0065 \pm .001 [.165 \pm .025]$
 $\phi .040 [1.016]$
 $\phi .052 \pm .001 [1.32 \pm .02]$
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			
S				angles	linear		RIBCAGE III T/M			
							VERT. HEADER ASS'Y			
				0°±2'			dwg no			
				dr	M. CORNMAN	6/6/95	sheet 3 of 6			
				enr	D. WHITING	6/6/95	size			
				chr	D. WHITING	6/6/95	95776			
				appd	D. WHITING	6/6/95	type			
sheet		revision					Product Customer Drawing			
index	sheet									

PDM: Rev:S

STATUS: Released

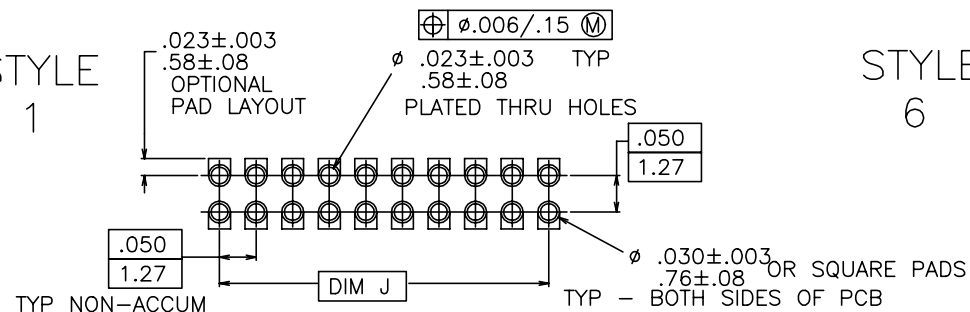
Printed: May 15, 2010

6

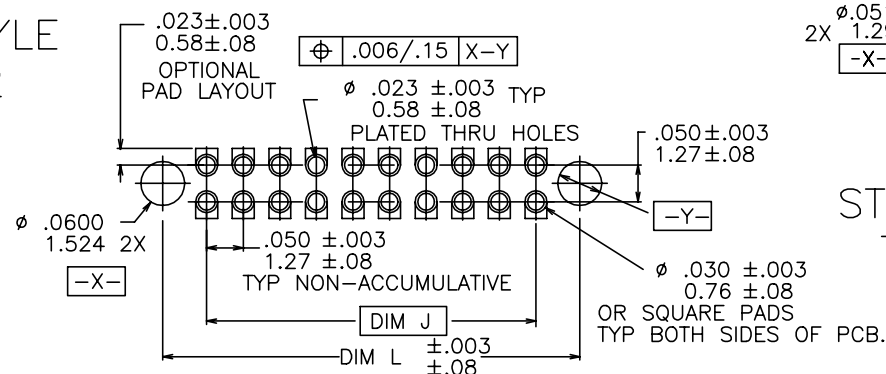
PRODUCT NUMBER
SEE TABLE

RECOMMENDED P. C. B. LAYOUT

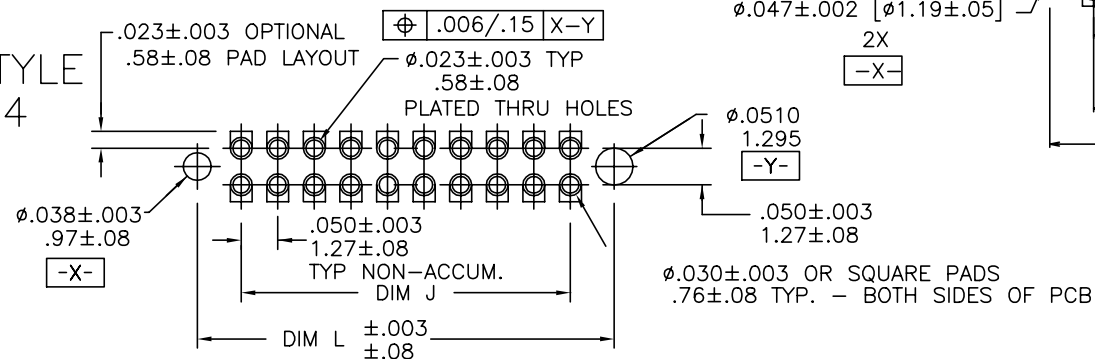
STYLE
1



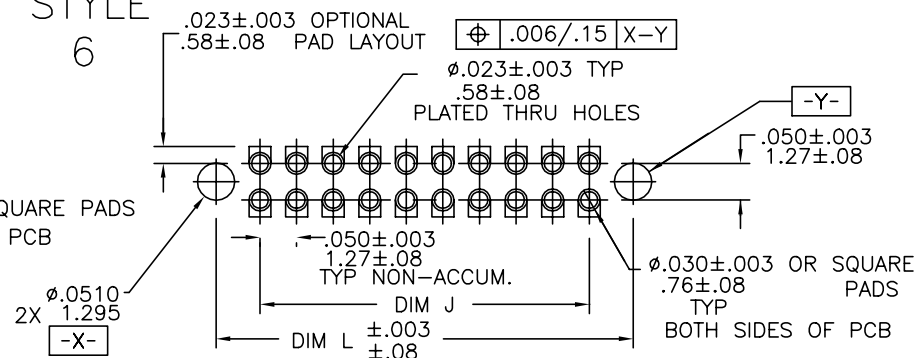
STYLE
2



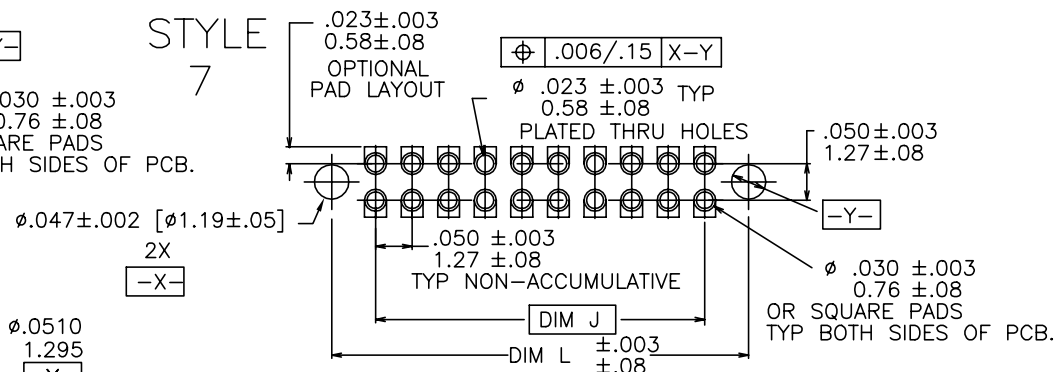
STYLE
4



STYLE
6



STYLE
7



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			
S				angles	linear		RIBCAGE III T/M			
				0°±2'			VERT. HEADER ASS'Y			
				dr	M. CORNMAN	6/6/95		dwg no		sheet 4 of 6
				enrg	D. WHITING	6/6/95		95776		size
				chr	D. WHITING	6/6/95				A3
				appd	D. WHITING	6/6/95		type		Product Customer Drawing
sheet	revision									
index	sheet									

PDM: Rev:S

STATUS: Released

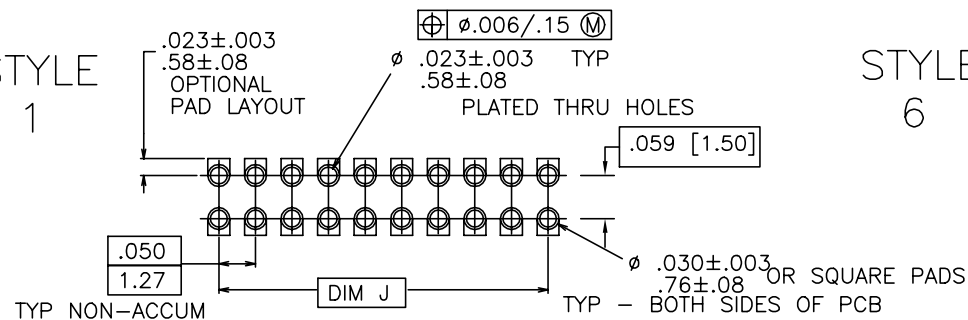
Printed: May 15, 2010

6

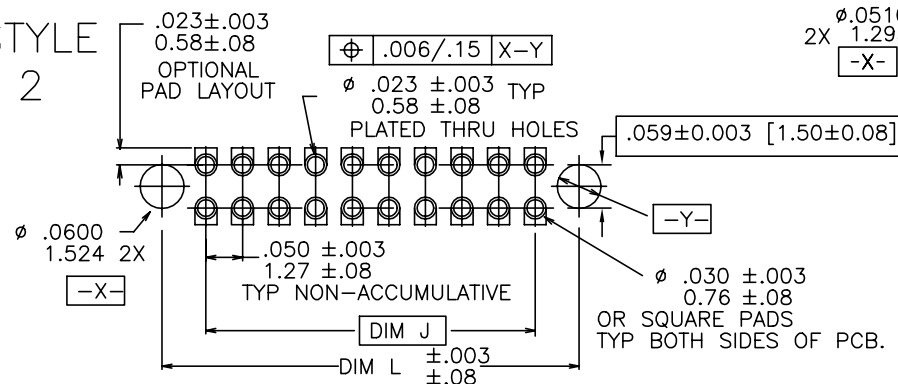
PRODUCT NUMBER
SEE TABLE

RECOMMENDED P. C. B. LAYOUT

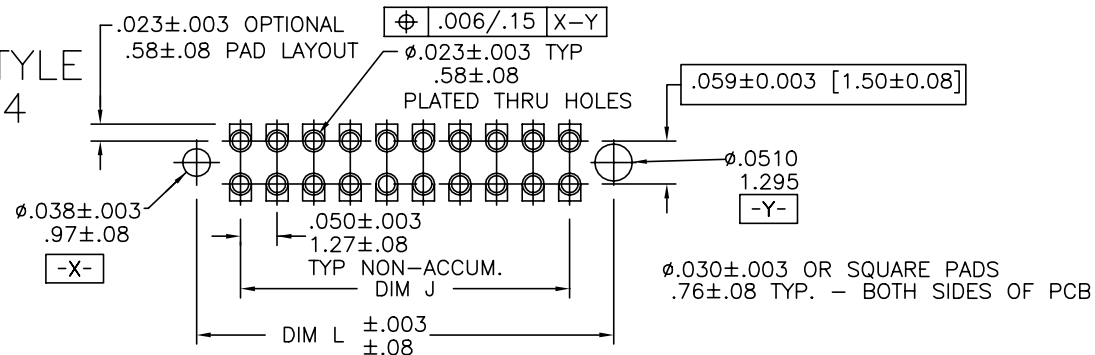
STYLE
1



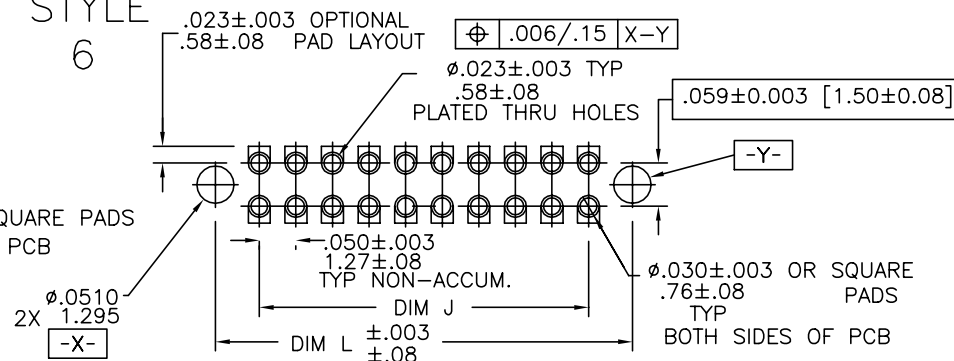
STYLE
2



STYLE
4



STYLE
6



mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406 ISO 1101	ISO 1302	RIBCAGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title			
S				angles	linear		RIBCAGE III T/M			
				0°±2'			VERT. HEADER ASS'Y			
				dr	M. CORNMAN	6/6/95	FCI	dwg no		sheet 5 of 6
				enrg	D. WHITING	6/6/95		95776		size
				chr	D. WHITING	6/6/95				A3
				appd	D. WHITING	6/6/95		type		Product Customer Drawing
sheet	revision									
index	sheet									

PDM: Rev:S

STATUS: Released

Printed: May 15, 2010

6

PRODUCT NO. NOTE 1,7	DIM N SOLDER TAIL LENGTH	DIM P HEIGHT ABOVE BOARD (REF)	DIM R SOLDER TAIL SPREAD	HOLDDOWN STYLE
72449-1XX	.090/2.29	.221/5.63	.050/1.27	2
72450-1XX	.075/1.91	.293/7.44		2
72451-1XX	.115/2.92	.221/5.63		2
72452-1XX	.115/2.92	.221/5.63		6
73541-1XX	.075/1.91	.293/7.44		1
73543-1XX	.090/2.29	.359/9.12		1
87407-1XX	.090/2.29	.221/5.63		1
87850-1XX	.075/1.91			2
87851-1XX	.075/1.91			6
88550-1XX	.135/3.43			2
89289-1XX	.075/1.91			1
89465-1XX	.115/2.92			1
93149-1XX	.075/1.91			4
98382-1XX	.090/2.29	.221/5.63		7
98383-1XX	.090/2.29	.293/7.44		1
98384-1XX	.090/2.29	.293/7.44		7
98385-1XX	.090/2.29	.359/9.12	.050/1.27	7

NOTES:

- ① XXXXX-XXXLF

LEAD FREE OPTION (NOTE 7,8)
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. PACKAGE PER BUS-14-179.
5. HOUSING MATERIAL:
GLASS FILLED THERMOPLASTIC FLAME RETARDANT
PER UL 94V-0.
COLOR: NATURAL
6. TERMINAL PLATING:
30u"/.76u MIN HARD Au OVER 50u"/1.27u Ni ON
CONTACT ZONES.
100u"/2.54u MIN Sn OVER 50u"/1.27u Ni IN
SOLDERING ZONES.
- ⑦ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR
LEAD FREE OPTION.

PRODUCT NO. NOTE 1,7	DIM N SOLDER TAIL LENGTH	DIM P HEIGHT ABOVE BOARD (REF)	DIM R SOLDER TAIL SPREAD	HOLDDOWN STYLE
87400-1XX	.075/1.91	.221/5.63	.059/1.50	2
87405-1XX	.075/1.91			1
87405-2XX	.090/2.29			1
87406-1XX	.075/1.91			6
87406-2XX	.100/2.54			6
87410-1XX	.090/2.29	.221/5.63		2
87411-1XX	.075/1.91	.293/7.44		2
87412-1XX	.115/2.92	.221/5.63		2
89297-1XX	.115/2.92	.221/5.63	.059/1.50	6

8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
9. 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.
- ⑩ MOLDING FLOW RESTRICTOR QUANTITY AND LOCATION IS
MANUFACTURING OPTION.
- ⑪ VACUUM CAP SLOT REQUIRED ON ALL SIZES, SLOT MAY
BE LOCATED ON OPPOSITE SIDE FOR 2 X 5.

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	
S				angles	linear			RIBCAGE III T/M	
								VERT. HEADER ASS'Y	
				0°±2'		scale 4:1		dwg no	
				dr	M. CORNMAN	6/6/95		sheet 6 of 6	
				enrg	D. WHITING	6/6/95		size	
				chr	D. WHITING	6/6/95		A3	
				appd	D. WHITING	6/6/95		type	
sheet	revision							Product Customer Drawing	
index	sheet								