

PRODUCT NUMBER

5 6 1 3 1 - X X X - X X - X X X X

PLATING →
 S=15μ"[0.38μm]GOLD ON CONTACT AREA
 120μ"[3.0μm]TIN/LEAD ON TAIL
 G=30μ"[0.76μm]GOLD ON CONTACT AREA
 120μ"[3.0μm]TIN/LEAD ON TAIL
 T=120μ"[3.0μm]TIN/LEAD ON CONTACT AREA AND ON TAIL(SEE NOTE 9).

PIN STYLE	OAL
12	0.630/16.00
14	0.730/18.54
16	0.830/21.08
18	0.930/23.62
20	1.030/26.16
22	1.130/28.70
24	1.230/31.24
26	1.330/33.78

POSITIONS PER ROW 01 TO 36

STACK HEIGHT NOTE 7

LEAD FREE PRODUCT NUMBER

5 6 1 3 1 - X X X X X X X X X LF

PLATING →
 S=15μ"[0.38μm]GOLD ON CONTACT AREA
 100μ"[2.54μm]TIN ON TAIL
 G=30μ"[0.76μm]GOLD ON CONTACT AREA
 100μ"[2.54μm]TIN ON TAIL
 T=100μ"[2.54μm]TIN ON CONTACT AREA AND ON TAIL(SEE NOTE 13).

PIN STYLE	OAL
12	0.630/16.00
14	0.730/18.54
16	0.830/21.08
18	0.930/23.62
20	1.030/26.16
22	1.130/28.70
24	1.230/31.24
26	1.330/33.78

POSITIONS PER ROW 01 TO 36

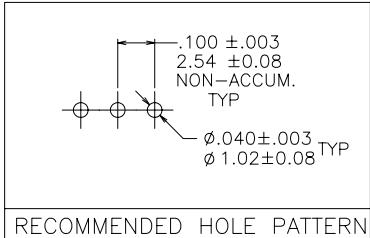
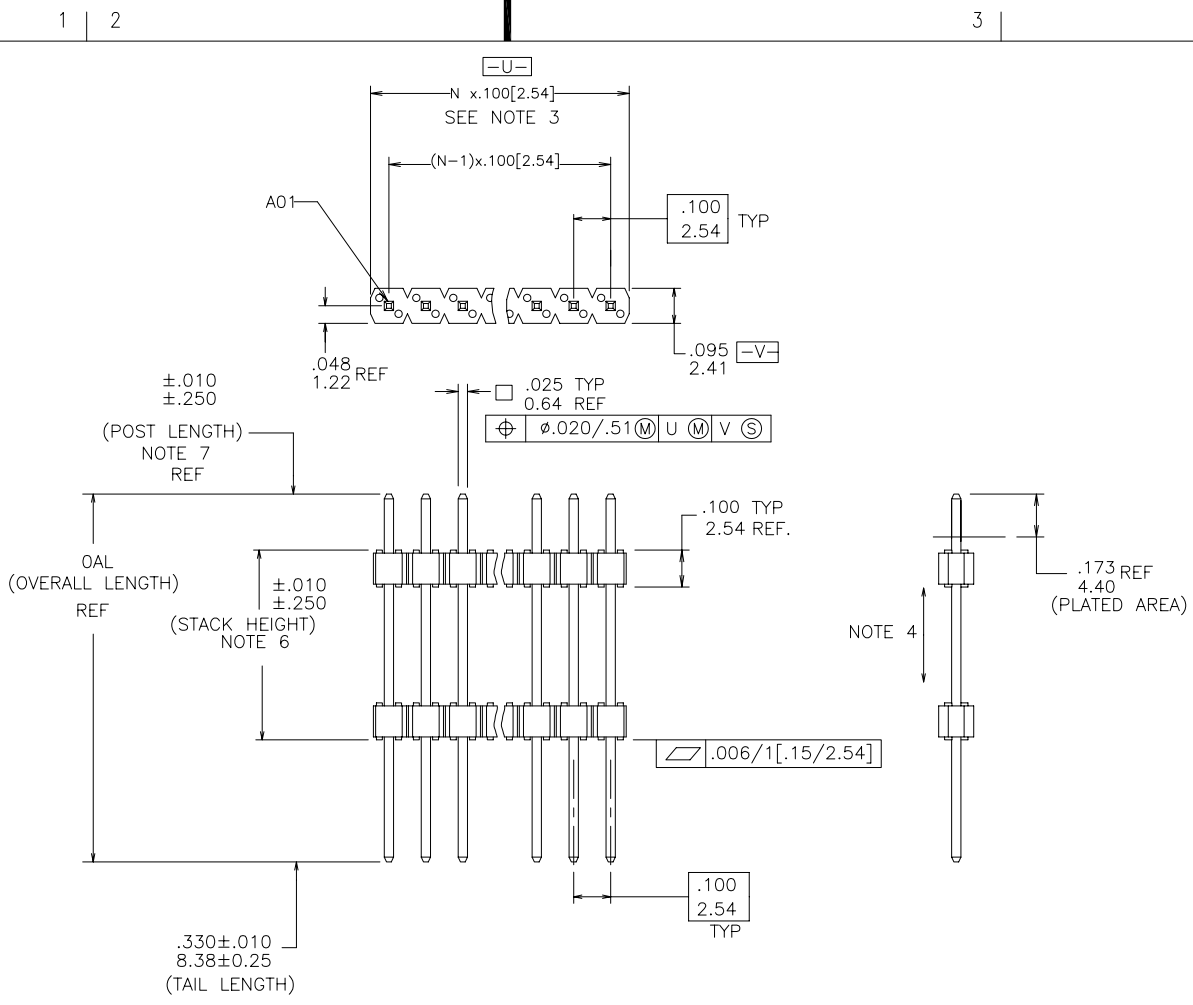
STACK HEIGHT NOTE 7

LEAD FREE NOTE 10 & 11

NOTES:

- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW.
EXAMPLE: 10 POS., N x .100[2.54]=1.00[25.40].
- 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION
- PACKAGED IN POLY BAGS.
- STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS.
EXAMPLE FOR STACK HEIGHT: $0.5 \ 0 \ 0 = .500$ IN.
- POST LENGTH IS DETERMINED BY: (OAL)-(TAIL LENGTH)-(STACK HT.)= POST LENGTH
- UNDERPLATING: 50μ"/1.27μm Ni.
- PIN TIPS ON TIN/LEAD PRODUCT MAY HAVE BARE METAL ON TWO SIDES, BOTH ENDS.
- PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.
- 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 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE OR FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD.
- "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

mat'l. code SEE NOTES 1 & 2		tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com			
ltr	ecn no	dr	date	.XX ±.01/0.3	projection 	title UNSHROUDED HDR. S/R STACK, THRU HOLE			
A	v92812	DAI	08/24/99	linear .XXX ±.005/0.13					
B	v21476	GIP	09/17/02	.XXXX ±.0020/0.051					
C	M05-0118	MHT	6/03/05	angles 0° ±2°	INCH/MM scale 1:1	product family	BERGSTIK		
		dr	D.INGRAM	06/02/99		size	dwg no	213	
		enr	H.SUNDY	07/21/99		A	56131	sheet	1 of 2
		chr	H.SUNDY	07/21/99					
		appd	H.SUNDY	07/21/99					
sheet index	revision sheet	C	C	1	2				



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ltr	ecn no	dr	date	linear	.XX ±.01/0.3	projection		title			
c					.XXX ±.005/0.13			UNSHROUDED HDR. S/R STACK, THRU HOLE		code	213
					.XXX ±.0020/0.051			product family BERGSTIK		sheet	2 of
				angles	0° ±2°	INCH/MM	scale	size			
				dr	M.HERNANDEZ 06/02/99			A	56131		
				enr	S.FIERRO 6/03/05	1:1	cage code		4		
				chr	S.FIERRO 6/03/05	22526		Printed: Jun 10, 2005			
				appd	S.FIERRO 6/03/05						
sheet index	revision sheet										