

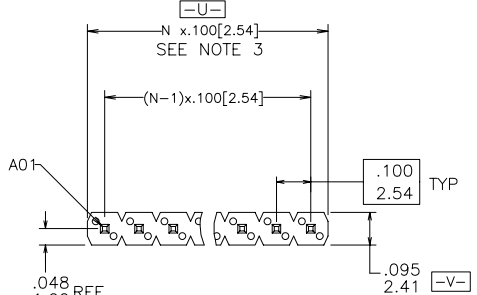
PRODUCT NUMBER

5 6 1 1 1 - X 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 10)

PIN STYLE	OAL
06	0.440/11.18
10	0.480/12.19
11	0.530/13.46
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

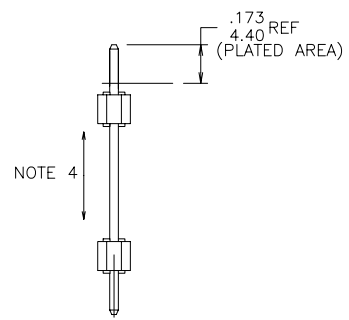
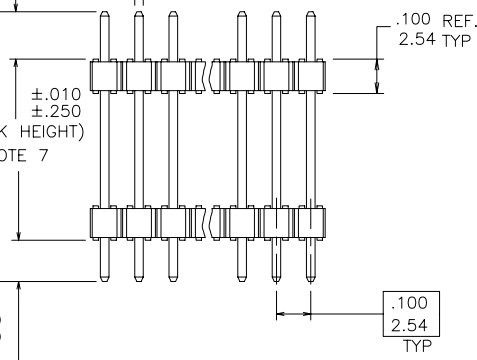
RETENTION R=RETENTIVE LEG NOTE 6  
 STACK HEIGHT NOTE 7  
 POSITIONS PER ROW 01 TO 36



(POST LENGTH) NOTE 8 REF

OAL (OVERALL LENGTH) REF  
 (STACK HEIGHT) NOTE 7

(TAIL LENGTH)  
 ±.010 ±.250  
 .120 3.05



LEAD FREE PRODUCT NUMBER

5 6 1 1 1 - X 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 14)

PIN STYLE	OAL
06	0.440/11.18
10	0.480/12.19
11	0.530/13.46
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

LEAD FREE NOTE 11 & 12  
 RETENTION R=RETENTIVE LEG NOTE 6  
 STACK HEIGHT NOTE 7  
 POSITIONS PER ROW 01 TO 36

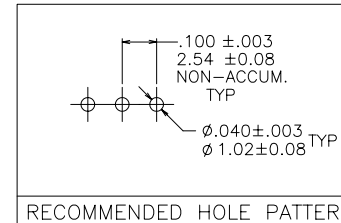
mat'l. code SEE NOTES 1 & 2		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecp	no	dr	date	tolerances unless otherwise specified
A	V92812	DAI	08/24/99	angles	.XX±.01/0.3
B	V21476	GIP	09/17/02	linear	.XXX±.005/0.13
C	M05-0118	MHT	6/03/05	0'±2'	.XXX±.0020/0.051
D	M06-0268	MHT	7/17/06	dr	D.INGRAM 05/14/99
				enr	H.SUNDY 07/21/99
				chr	H.SUNDY 07/21/99
				appd	H.SUNDY 07/21/99
sheet index	revision sheet	D	D		
		1	2		
type		Product Customer Drawing		title UNSHROUDED HDR. S/R STACKER THRU HOLE	
scale 1:1		dwg no 56111		sheet 1 of 2 size A3	



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NOTES:

- ①. HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0  
COLOR: BLACK
- ②. PIN MATERIAL: PHOSPHOR-BRONZE
- ③. TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW.  
EXAMPLE: 10 POS., N x .100[2.54]=1.00[25.40].
- ④. 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION
5. PACKAGED IN POLY BAGS.
- ⑥. RETENTIVE LEG:  
RETENTIVE LEG APPLICABLE TO TAIL LENGTH .120/3.05 ONLY.  
(4 PINS PER PART HAVE RETENTION).  
5LB/2.3KG MAX INSERTION FORCE AND .25LB./1KG MIN RETENTION FORCE  
PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED  
HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER.  
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- ⑦. STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS.  
EXAMPLE FOR STACK HEIGHT:  $0 \underline{5} \underline{0} \underline{0} = .500$  IN.
- ⑧. POST LENGTH IS DETERMINED BY: (OAL)-(TAIL LENGTH)-(STACK HT.)= POST LENGTH  
9. UNDERPLATING: 50 $\mu$ "/1.27 $\mu$ m Ni.
10. PIN TIPS ON TIN/LEAD PLATED PRODUCT MAY HAVE BARE METAL ON TWO SIDES,  
BOTH ENDS.
- ⑪. PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.
- ⑫. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
13. 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.
- ⑭. "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND  
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT  
ENVIRONMENTS."



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mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title	
D						angles	linear	UNSHROUDED HDR. S/R STACKER THRU HOLE	
						0°±2'	.xx±.01/0.3 .xxx±.005/0.13 .xxxx±.0020/0.051	INCH/MM	
								scale 1:1	
			dr	D.INGRAM 05/14/99				dwg no	
			enr	H.SUNDY 07/21/99				sheet 2 of 2 size	
			chr	H.SUNDY 07/21/99				56111 A3	
			appd	H.SUNDY 07/21/99				type Product Customer Drawing	
sheet index	revision sheet								