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PRODUCT NUMBER

5 6 1 1 2 - 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

POSITIONS PER ROW 01 TO 36

STACK HEIGHT NOTE 7

RETENTION R= RETENTIVE LEG NOTE 6

(POST LENGTH) NOTE 8 REF

OAL (OVERALL LENGTH) REF

(STACK HEIGHT) NOTE 6

LEAD FREE PRODUCT NUMBER

5 6 1 1 2 - 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

POSITIONS PER ROW 01 TO 36

STACK HEIGHT NOTE 7

RETENTION R= RETENTIVE LEG NOTE 6

LEAD FREE NOTE 11 & 12

(TAIL LENGTH) .120±.010 3.05±.250

.100 2.54

.045 1.14 REF

.025 TYP 0.64 REF

⊕ ∅.020 / .51 (M) U (M) V (S)

N X .100 [2.54] SEE NOTE 3
(N-1) X .100 [2.54]

.100 2.54 TYP

.190 4.83

NOTE 4

.100 TYP. 2.54 REF.

.100 2.54 TYP

.173 4.40 REF (PLATED AREA)

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	08/24/99	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 05/20/99
				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				



title
UNSHROUDED HDR. D/R
STACK ,THRU HOLE

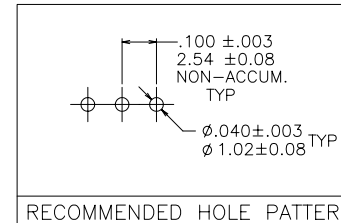
scale 1:1

dwg no 56112 sheet 1 of 2 size A3

type Product Customer Drawing

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: $0.500 = .500$ IN.
- ⑧. POST LENGTH IS DETERMINED BY: (OAL)-(TAIL LENGTH)-(STACK HT.)= POST LENGTH
- ⑨. UNDERPLATING: 50 μ "/1.27 μ 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	INCH/MM		
					0°±2'	.xx±.01/0.3 .xxx±.005/0.13 .xxxx±.0020/0.051	UNSHROUDED HDR. S/R STACKER TRHU HOLE		
					dr	D.INGRAM	05/14/99	scale 1:1	
					enr	H.SUNDY	07/21/99	FCI	
					chr	H.SUNDY	07/21/99	dwg no	
					appd	H.SUNDY	07/21/99	sheet 2 of 2	
sheet	revision							56111	
index	sheet							A3	
								type Product Customer Drawing	