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PRODUCT NUMBER
5 6 1 1 1 - X X X - X X - X X X X X

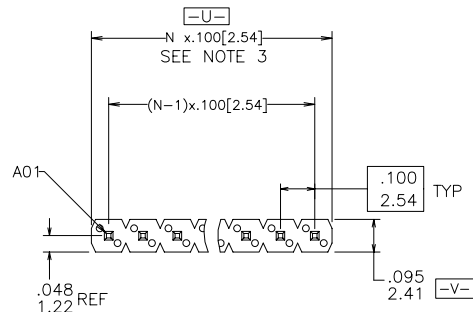
PLATING
S=15μ"[0.38μm]GOLD
ON CONTACT AREA
120μ"[3.0μm]TIN/LEAD
ON TAIL
G=30μ"[0.76μm]GOLD
ON CONTACT AREA
120μ"[3.0μm]TIN/LEAD
ON TAIL
T=120μ"[3.0μm]TIN/LEAD
ON CONTACT AREA
AND ON TAIL(SEE NOTE 10)

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

±.010
±.250
(STACK HEIGHT)
NOTE 7

.100 REF.
2.54 TYP

.173 REF
4.40 REF
(PLATED AREA)

NOTE 4

±.010
±.250
.120
3.05
(TAIL LENGTH)

.100
2.54
TYP

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

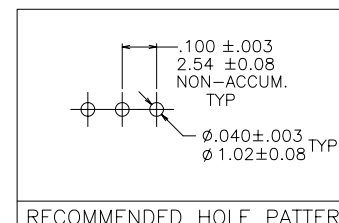
POSITIONS PER ROW
01 TO 36

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

form: A3

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: $50\mu"/1.27\mu\text{m}$ 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."



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