

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

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 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).

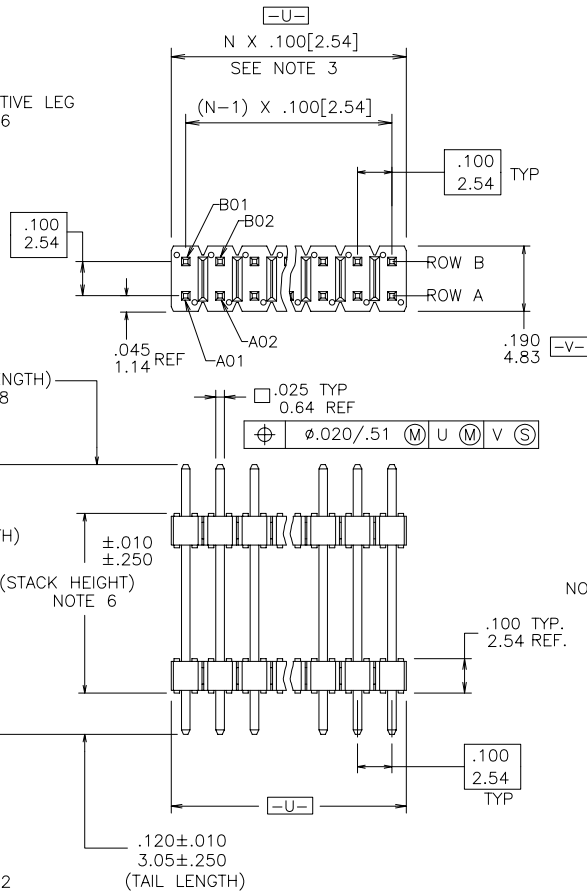
PIN STYLE	OAL
06	0.440/11.18
10	0.480/12.19
11	0.530/13.46
12	0.630/16.00
14	0.730/18.54
16	0.830/21.08
18	0.930/23.62
20	1.030/26.16
22	1.130/28.70
24	1.230/31.24
26	1.330/33.78

RETENTION
R= RETENTIVE LEG
NOTE 6

STACK HEIGHT
NOTE 7

POSITIONS PER ROW
01 TO 36

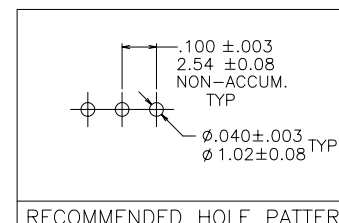
LEAD FREE
NOTE 11 & 12



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	.XX ± .01 / 0.3		UNSHROUDED HDR. D/R
B	V21476	GIP	08/24/99	linear	.XXX ± .005 / 0.13		STACK ,THRU HOLE
C	M05-0118	MHT	6/03/05	0' ± 2'	.XXXX ± .0020 / 0.051		dwg no
D	M06-0268	MHT	7/17/06	dr	D.INGRAM 05/20/99		sheet 1 of 2 size
				enr	H.SUNDY 07/21/99		A3
				chr	H.SUNDY 07/21/99		type
				appd	H.SUNDY 07/21/99		Product Customer Drawing
sheet index	revision	D	D				
	sheet	1	2				

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	tolerance	projection	product family			
				ISO 1302	ISO 406		BERGSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		INCH/MM	title		
D					angles	linear		UNSHROUDED HDR. S/R STACKER TRHU HOLE		
					0'±2'					
							scale 1:1	dwg no		
					dr	D.INGRAM	05/14/99	sheet 2 of 2 size		
					enr	H.SUNDY	07/21/99	56111		
					chr	H.SUNDY	07/21/99	A3		
					appd	H.SUNDY	07/21/99			
sheet	revision							type		
index	sheet							Product Customer Drawing		