

PRODUCT NUMBER
5 5 1 0 2 - X X X - X X - X X X X

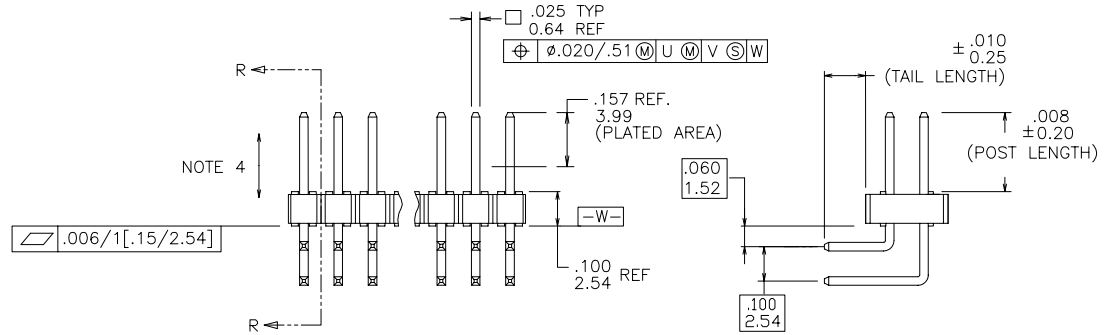
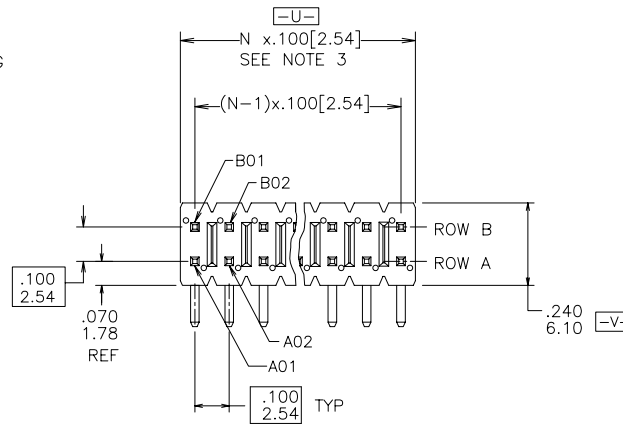
PLATING
S=15µ" [0.38µm] GOLD ON CONTACT AREA
120µ" [3.0µm] TIN/LEAD ON TAIL
G=30µ" [0.76µm] GOLD ON CONTACT AREA
120µ" [3.0µm] TIN/LEAD ON TAIL
T=120µ" [3.0µm] TIN/LEAD ON CONTACT AREA AND ON TAIL (SEE NOTE 9)
F=2µ" [0.05µm] GOLD ON CONTACT AREA AND ON TAIL

PIN STYLE	POST	TAIL
11	0.230/5.84	0.090/2.29
17	0.230/5.84	0.120/3.05
12	0.230/5.84	0.190/4.83
34	0.318/8.08	0.100/2.54
35	0.318/8.08	0.120/3.05
36	0.318/8.08	0.200/5.08

POSITIONS PER ROW
01 TO 36

RETENTION
R= RETENTIVE LEG
NOTE 6

POLARIZATION
NOTE 7



LEAD FREE PRODUCT NUMBER
5 5 1 0 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 (NOTE 13)
F=2µ" [0.05µm] GOLD ON CONTACT AREA AND ON TAIL

PIN STYLE	POST	TAIL
11	0.230/5.84	0.090/2.29
17	0.230/5.84	0.120/3.05
12	0.230/5.84	0.190/4.83
34	0.318/8.08	0.100/2.54
35	0.318/8.08	0.120/3.05
36	0.318/8.08	0.200/5.08

POSITIONS PER ROW
01 TO 36

LEAD FREE
NOTE 10 & 11
RETENTION
R= RETENTIVE LEG
NOTE 6

POLARIZATION
NOTE 7

mat'l. code SEE NOTES 1 & 2		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified
A	V92813	DAI	08/24/99	angles	.XX±.01/0.3
B	V01550	MDF	07/07/00	linear	.xxx±.005/0.13
C	V20751	GIP	07/09/02	0°±2'	.xxxx±.0020/0.051
D	V21475	GIP	09/17/02	dr	D.INGRAM 05/20/99
E	V03-0731	HTB	07/10/03	enr	H.SUNDY 07/21/99
F	M05-0118	MHT	6/03/05	chr	H.SUNDY 07/21/99
G	M06-0268	MHT	7/17/06	appd	H.SUNDY 07/21/99
sheet	revision	G	G		
index	sheet	1	2		
scale 1:1				title .100 UNSHROUDED HDR. D/R R/A THRU HOLE	
dwg no				sheet 1 of 2 size	
55102				A3	
type				Product Customer Drawing	

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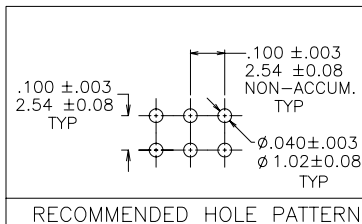
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NOTES:

- ① HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC.
FLAME RETARDANT PER UL 94V-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 APPLICABLE TO TAIL LENGTH .120/3.05 ONLY.
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 FOR POLARIZATION SPECIFY POSITION NUMBER(i.e.. A03=ROW A POS 3)
TO OMIT PIN.
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- 8. UNDERPLATING: 50μ"/1.27μm Ni.
- 9. PIN TIPS ON TIN/LEAD PLATED PRODUCT MAY HAVE BARE METAL ON
TWO SIDES, BOTH ENDS.
- ⑩ PART NUMBERS WITH "LF" SUFFIX AT THE END ARE LEAD FREE.
- ⑪ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 12. 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.
- ⑬ "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 ⊕		product family BERGSTIK	
ltr		ecn no		dr		date		tolerances unless otherwise specified	
G								title .100 UNSHROUDED HDR. D/R R/A THRU HOLE	
				angles		linear		INCH/MM	
				0°±2'		.XX±.01/0.3 .XXX±.005/0.13 .XXX±.0020/0.051		scale 1:1	
				dr		D.INGRAM 05/20/99		dwg no	
				enr		H.SUNDY 07/21/99		sheet 2 of 2 size	
				chr		H.SUNDY 07/21/99		55102 A3	
				appd		H.SUNDY 07/21/99		type Product Customer Drawing	
sheet index		revision sheet							



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form: A3

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