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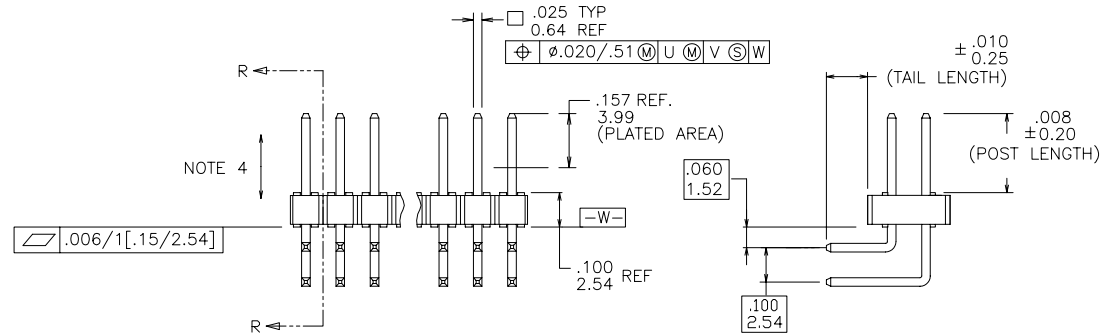
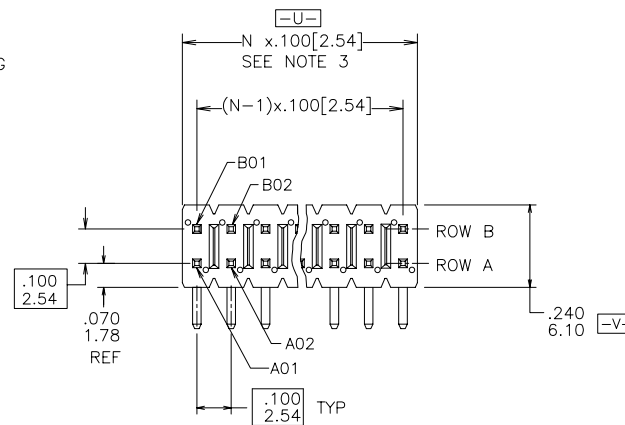
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PRODUCT NUMBER
5 5 1 0 2 - X X X - X X X X

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

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

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



LEAD FREE PRODUCT NUMBER
5 5 1 0 2 - 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

LEAD FREE
NOTE 10 & 11
RETENTION
R= RETENTIVE LEG
NOTE 6
POLARIZATION
NOTE 7
POSITIONS PER ROW
01 TO 36

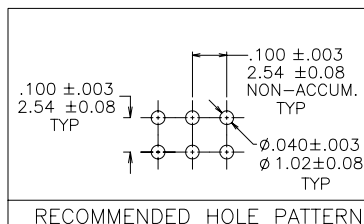
PIN	STYLE	POST	TAIL
11		0.230/5.84	0.090/2.29
17		0.230/5.84	0.120/3.05
12		0.230/5.84	0.190/4.83
34		0.318/8.08	0.100/2.54
35		0.318/8.08	0.120/3.05
36		0.318/8.08	0.200/5.08

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 .100 UNSHROUDED HDR. D/R R/A THRU HOLE
A	V92813	DAI		08/24/99	angles linear .XX±.01/0.3		
B	V01550	MDF		07/07/00	.xxx±.005/0.13		
C	V20751	GIP		07/09/02	.000±.0020/0.051		
D	V21475	GIP		09/17/02			
E	V03-0731	HTB		07/10/03			
F	M05-0118	MHT		6/03/05			
G	M06-0268	MHT		7/17/06			
sheet	revision	G	G				
index	sheet	1	2				



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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 INCH/MM	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 INCH/MM scale 1:1	title
G					linear .XX±.01/0.3		.100 UNSHROUDED HDR.
					linear .xxx±.005/0.13		D/R R/A THRU HOLE
					linear .xxx±.0020/0.051		
			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						