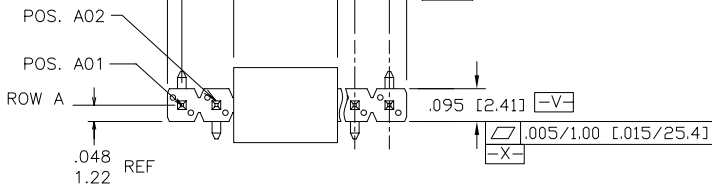


PRODUCT NUMBER
54201 - X XX - XX - XXX

PLATING
S=15μ"/0.38μm GOLD ON
CONTACT AREA 100u"/
2.54μm TIN ON TAIL
G=30μ"/0.76μm GOLD ON
CONTACT AREA 100u"/
2.54μm TIN ON TAIL
T=100μ"/2.54μm TIN ON
CONTACT AREA & ON TAIL
(SEE NOTE 8 & 12)
F=2μ"/0.05μm] GOLD ON
CONTACT AREA & ON TAIL

POLARIZATION, SEE NOTE 6
PACKAGING TYPE, NOTE 5
POSITIONS PER ROW
02 TO 17

LEAD STYLE	POST LGTH.
08	0.230/5.84
30	0.318/8.08

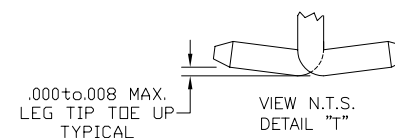
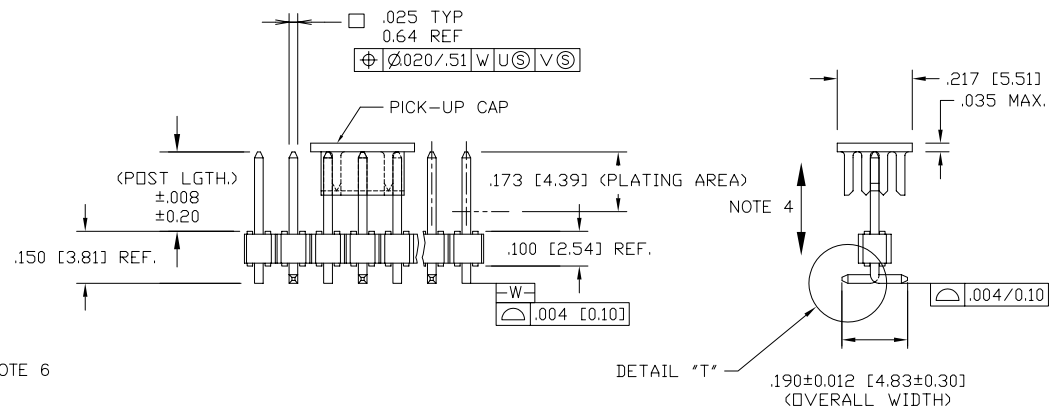


LEAD FREE PRODUCT NUMBER
54201 - X XX XX - XXX LF

LEAD FREE
NOTE 9 & 10
POLARIZATION, SEE NOTE 6
PACKAGING TYPE, NOTE 5
POSITIONS PER ROW
02 TO 17

LEAD STYLE	POST LGTH.
08	0.230/5.84
30	0.318/8.08

PLATING
S=15μ"/0.38μm GOLD ON
CONTACT AREA 100u"/
2.54μm TIN ON TAIL
G=30μ"/0.76μm GOLD ON
CONTACT AREA 100u"/
2.54μm TIN ON TAIL
T=100μ"/2.54μm TIN ON
CONTACT AREA & ON TAIL
(SEE NOTE 8 & 12)
F=2μ"/0.05μm] GOLD ON
CONTACT AREA & ON TAIL



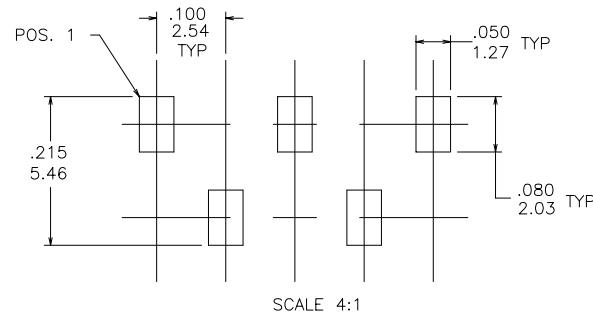
mat'l. code SEE NOTES 1 & 2	surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr D V20449	ecr GIP	no 03/13/02	date 03/13/02	title .100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
E V20751	GIP	07/08/02	07/08/02	dwg no 54201
F V21475	GIP	09/17/02	09/17/02	sheet 1 of 2 size A3
G V03-0068	HTB	1/17/03	05/11/99	type Product Customer Drawing
H M05-0118	MHT	6/03/05	engr H.SUNDY	
J M06-0268	MHT	7/17/06	chr H.SUNDY	
K M06-0435	MHT	10/31/06	appd H.SUNDY	
sheet index	revision K	K		
1	2			

TAPE AND REEL PACKAGING

SIZE	LEAD STYLE 08 POST (0.230 [5.84])	LEAD STYLE 30 POST (0.318 [8.08])
1X2	NONE	NONE
1X3	↑	↑
1X4		
1X5		
1X6		
1X7		
1X8		
1X9		
1X10		
1X11		
1X12		
1X13		
1X14		
1X15		
1X16		
1X17		
1X18		
1X19	↓	↓
1X20	NONE	NONE

NOTES:

- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW.
EXAMPLE: 10 POS., N x .100/2.54=1.00/25.4
- 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING: - = POLY BAGS
P =TUBES WITH PICKUP CAPS.
A =TAPE AND REEL WITH PICKUP CAPS.
- FOR POLARIZATION, SPECIFY POSITION NUMBER(i.e..A03=ROW A POS. 3)
TO OMIT PIN. IF THIS FEATURE IS NOT APPLICABLE, OMIT FROM PROD. NO..
PRODUCT MANAGEMENT APPROVAL IS REQUIRED PRIOR TO THE
RELEASE OR SALE OF POLARIZED PRODUCTS.
- UNDERPLATING: 50μ"/1.27μm Ni.
- PIN TIPS ON Sn PLATED PRODUCT MAY HAVE BARE METAL ON TOW SIDES,
BOTH ENDS.
- PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 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.
- "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."



RECOMMENDED PAD LAYOUT

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
K					linear .XX±.01/0.3	scale 1:1	.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
					linear .xxx±.005/0.13		dwg no
					linear .xxx±.0020/0.051		sheet 2 of 2 size
				dr	D.INGRAM 05/11/99		54201 A3
				enr	H.SUNDY 07/21/99		
				chr	H.SUNDY 07/21/99		
				appd	H.SUNDY 07/21/99		
sheet index	revision	sheet					type Product Customer Drawing