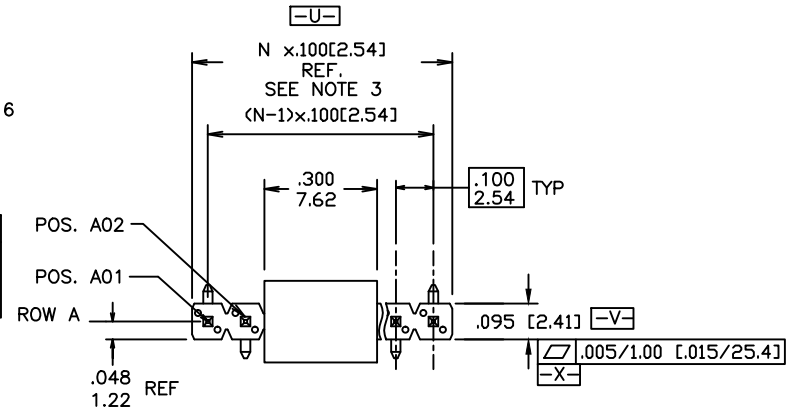
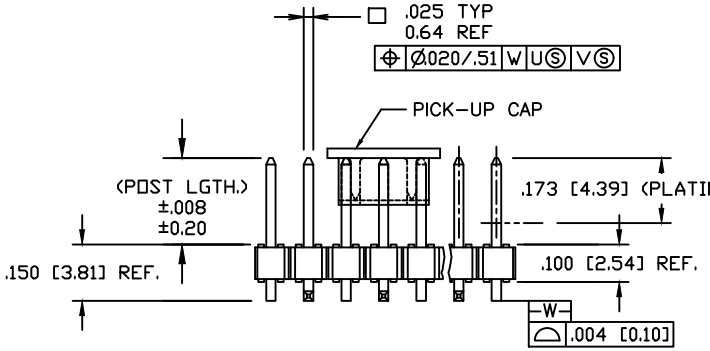
PRODUCT NUMBER
54201 – X XX – XX – XXX

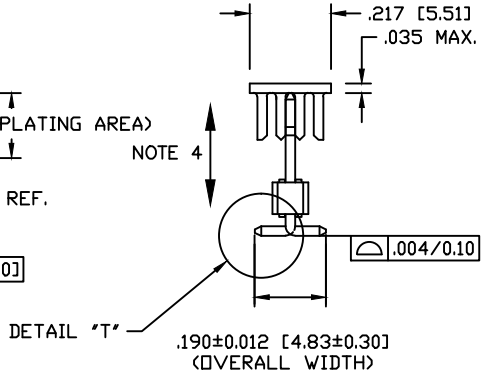
PLATING
S=15µ"/0.38µm GOLD ON CONTACT AREA (NOTE 13) 100u"/ 2.54µm TIN ON TAIL
G=30µ"/0.76µm GOLD ON CONTACT AREA (NOTE 13) 100u"/ 2.54µm TIN ON TAIL
T=100µ"/2.54µm TIN ON CONTACT AREA & ON TAIL (SEE NOTE 8 & 12)
F=2µ"/0.05µm] GOLD ON CONTACT AREA & ON TAIL

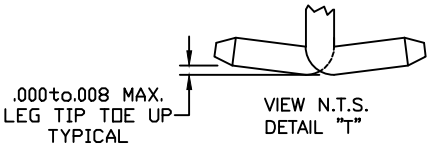
POLARIZATION, SEE NOTE 6
PACKAGING TYPE, NOTE 5
POSITIONS PER ROW 02 TO 17

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

PLATING
S=15µ"/0.38µm GOLD ON CONTACT AREA (NOTE 13) 100u"/ 2.54µm TIN ON TAIL
G=30µ"/0.76µm GOLD ON CONTACT AREA (NOTE 13) 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

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

ltr	ecn no	dr	date
S	ELX-N-14294	DCS	2013-03-19
L	M07-0192	MHT	4/18/07
M	M08-0129	MHT	4/30/08
N	M08-0165	MHT	6/06/08
P	M08-0237	MHT	8/25/08
R	M08-0279	MHT	9/30/08

mat'l. code: SEE NOTES 1 & 2
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified
angles: 0°±2°
linear: .XX±.01/X±0.3; .XXX±.005/.XXX±0.13; .XXXX±.0020/.XXX±0.051
projection
INCH/MM
scale 1:1
product family: BERGSTIK
title: .100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
dwg no: 54201
sheet 1 of 3
size: A3
type: Product Customer Drawing

dr	D.INGRAM	05/11/99	
engr	H.SUNDY	07/21/99	
chr	H.SUNDY	07/21/99	
appd	H.SUNDY	07/21/99	

sheet	revision	S	S	S
index	sheet	1	2	3

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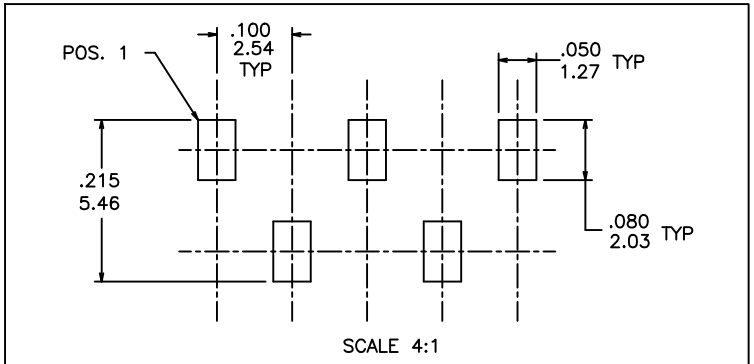
TAPE AND REEL PACKAGING

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

NOTES:

1. HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
   COLOR: BLACK
   OR
   MINERAL FILLED LCP FLAME RETARDENT
   PER UL-94V-O. 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=1.00/25.4
4. 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION.
5. PACKAGING: - = POLY BAGS
   P =TUBES WITH PICKUP CAPS.
   A =TAPE AND REEL WITH PICKUP CAPS.
6. FOR POLARIZATION, SPECIFY PSOITION 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.
7. UNDERPLATING: 50µ"/1.27µm Ni.
8. PIN TIPS ON Sn PLATED PRODUCT MAY HAVE BARE METAL ON TOW SIDES, BOTH ENDS.
9. PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
11. 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.
12. "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
13. PLATING OPTIONS:
    MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



RECOMMENDED PAD LAYOUT

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title .100 UNSHROUDED HDR. S/R VERT. SURF. MNT.		
S				angles	linear	.XX±.01/.X±0.3		INCH/MM			
						.XXX±.005/.XXX±0.13					
				0°±2°		.XXXX±.0020/.XXX±0.051		scale 1:1			
				dr	D.INGRAM	05/11/99			dwg no 54201	sheet 2 of 3	size A3
				engr	H.SUNDY	07/21/99					
				chr	H.SUNDY	07/21/99					
				appd	H.SUNDY	07/21/99			type Product Customer Drawing		
sheet index	revision sheet										

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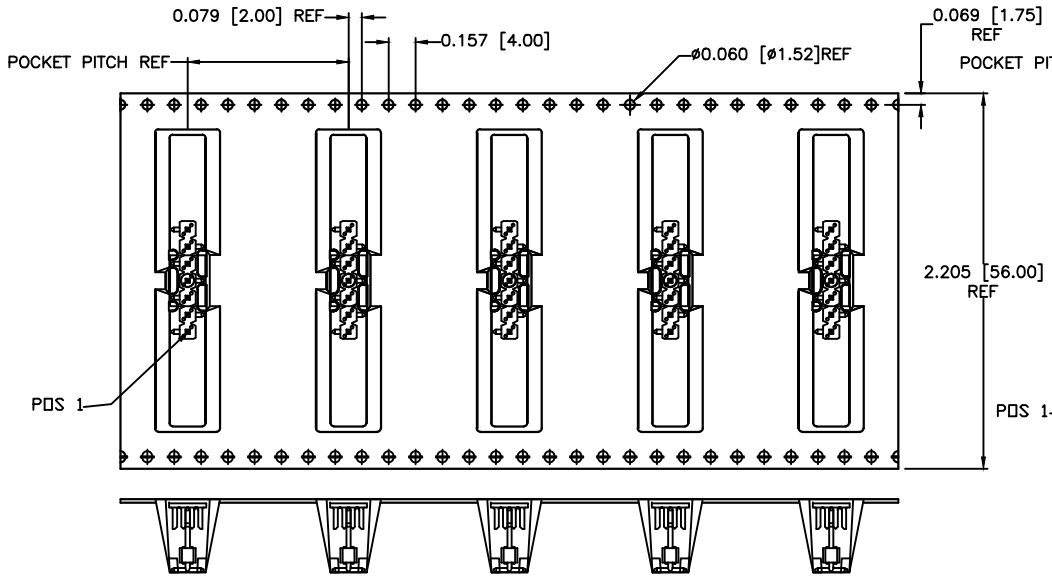
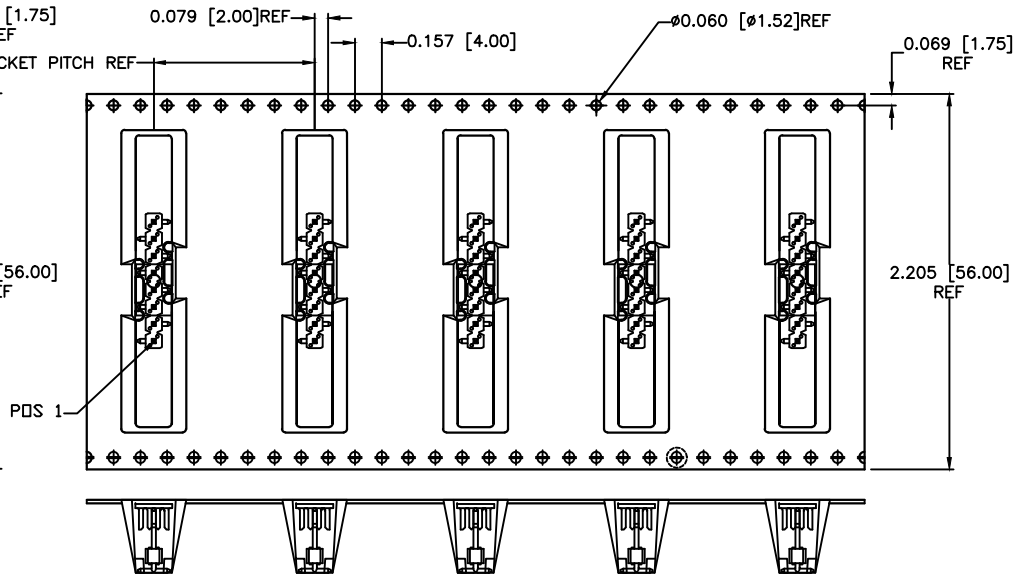
CARRIER FOR ODD NUMBERS OF ROWS



UN–REELING DIRECTION OF FEED

CARRIER FOR EVEN NUMBERS OF ROWS



UN–REELING DIRECTION OF FEED

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
S				angles	linear	.XX±.01/.X±0.3		INCH/MM	.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.		
						.XXX±.005/.XXX±0.13					
				0°±2°		.XXXX±.0020/.XXX±0.051		scale 1:1			
				dr	D.INGRAM	05/11/99			dwg no 54201	sheet 3 of 3	size A3
				engr	H.SUNDY	07/21/99					
				chr	H.SUNDY	07/21/99			type Product Customer Drawing		
				appd	H.SUNDY	07/21/99					
sheet index	revision sheet										

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