

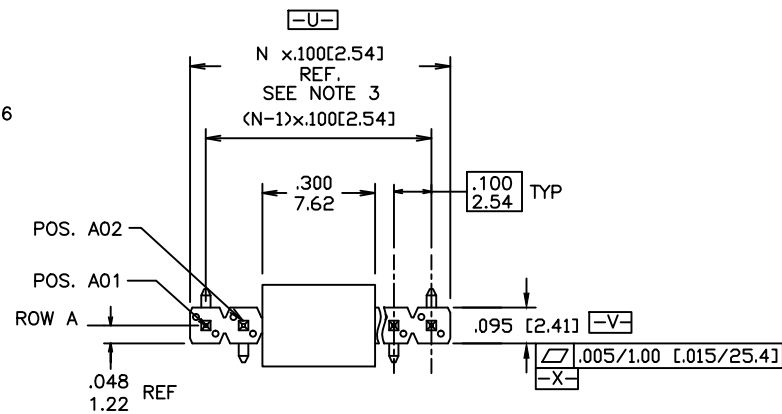
PRODUCT NUMBER
54201 - X XX - XX - XXX

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

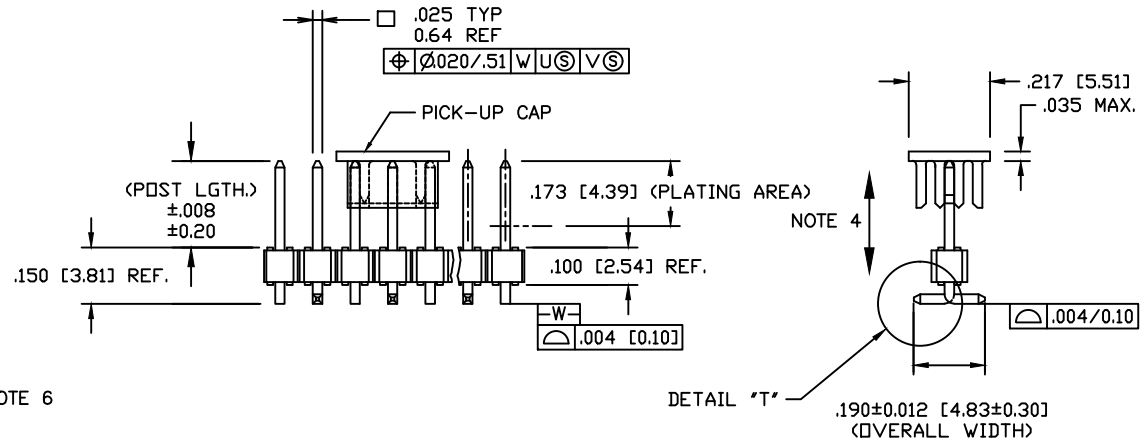
LEAD STYLE	POST LGTH.
08	0.230/5.84
30	0.318/8.08



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

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



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

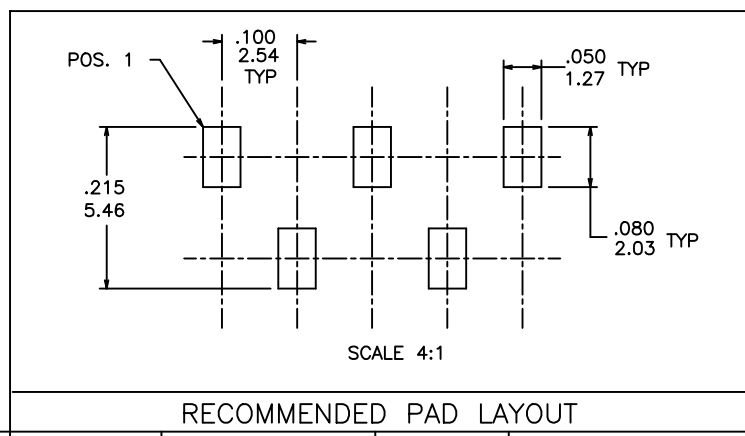
mat'l. code SEE NOTES 1 & 2	surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr S	ecm no ELX-N-14294	dr DCS	date 2013-03-19	title .100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
angles	linear	linear	linear	linear
L	M07-0192	MHT	4/18/07	0'±2'
M	M08-0129	MHT	4/30/08	dr
N	M08-0165	MHT	6/06/08	engr
P	M08-0237	MHT	8/25/08	chr
R	M08-0279	MHT	9/30/08	appd
sheet	revision	S	S	S
index	sheet	1	2	3

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:

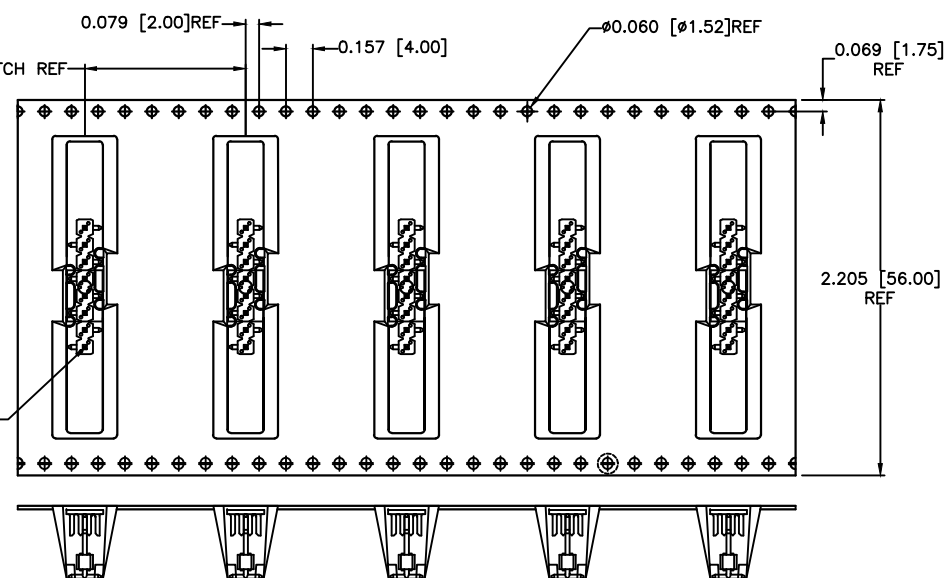
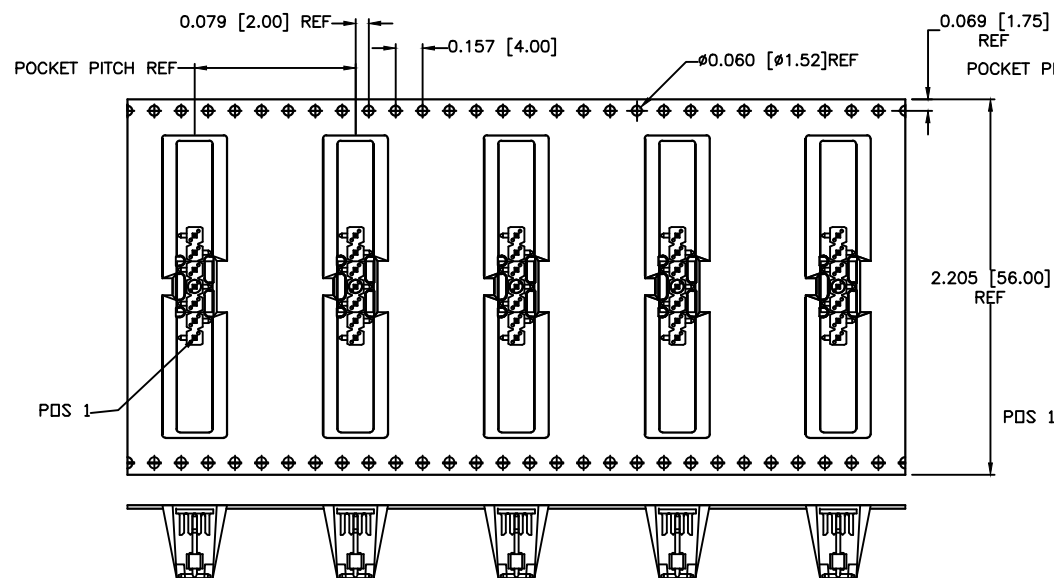
- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
OR
MINERAL FILLED LCP FLAME RETARDENT
PER UL-94V-0. COLOR: BLACK.
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW.
EXAMPLE: 10 POS., $N \times .100/2.54 = 1.00/2.54$
- 2LBS/0.9KG MIN. PIN 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: $50\mu"/1.27\mu\text{m}$ 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."
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



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

CARRIER FOR ODD NUMBERS OF ROWS

CARRIER FOR EVEN NUMBERS OF ROWS



UN-REELING DIRECTION OF FEED

UN-REELING DIRECTION OF FEED

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