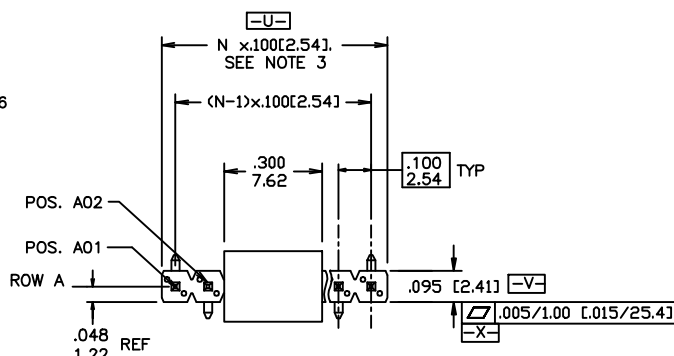


PRODUCT NUMBER  
54201 - X XX - XX - XXX

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

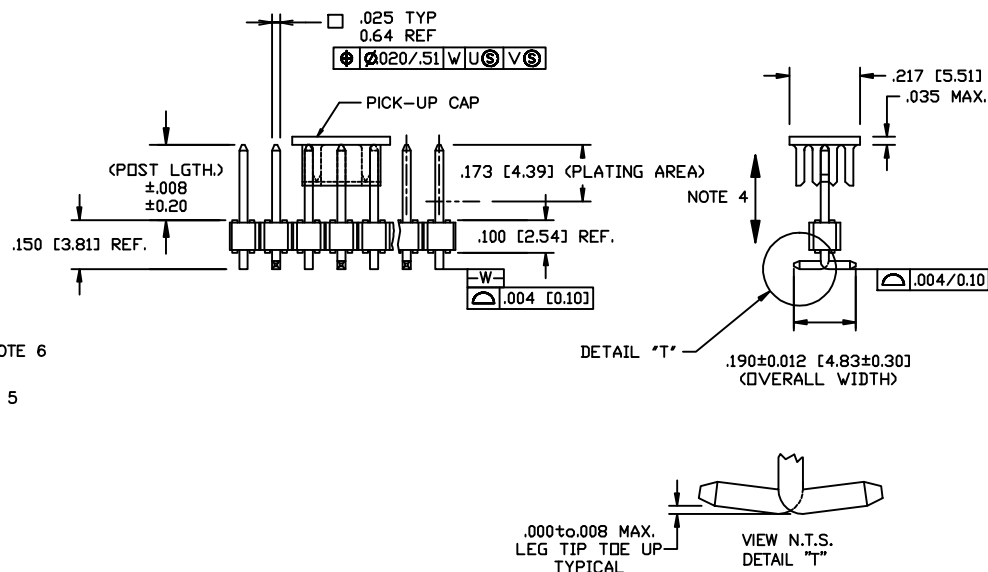


LEAD FREE PRODUCT NUMBER  
54201 - X XX XX - XXX LF

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

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



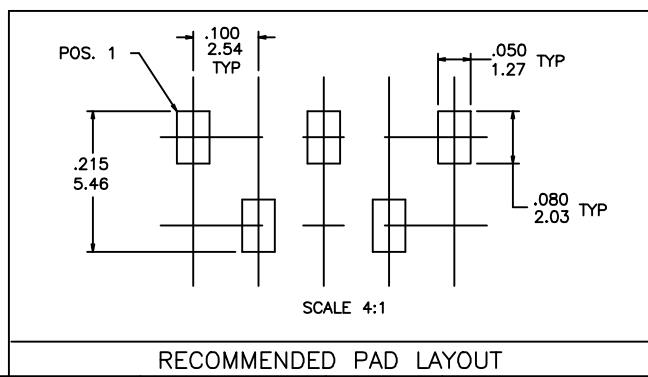
mat'l. code	SEE NOTES 1 & 2	surface	ISO 1902	tolerance	ISO 406	projection	ISO 1101	product family	BERGSTIK
ltr	ecn no	dr	date	tolerance unless otherwise specified	linear	INCH/MM	scale 1:1	title	.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
J	M06-0258	MHT	7/17/06	angles	.XXX.01/.XXX.03			dwg no	54201
K	M06-0435	MHT	10/31/06	linear	.XXX.005/.XXX.013			sheet 1 of 3	A3
L	M07-0192	MHT	4/18/07	0'±2'	.XXX.0020/.XXX.005			type	Product Customer Drawing
M	M08-0129	MHT	4/30/08	dr	D.INGRAM	05/11/99			
N	M08-0165	MHT	6/06/08	engr	H.SUNDY	07/21/99			
P	M08-0237	MHT	8/25/08	chr	H.SUNDY	07/21/99			
R	M08-0279	MHT	9/30/08	appd	H.SUNDY	07/21/99			
sheet	revision	R	R	R					
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:

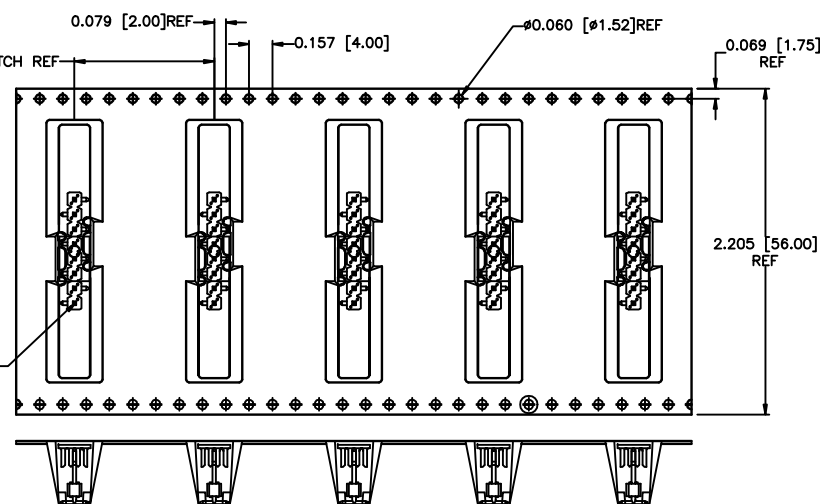
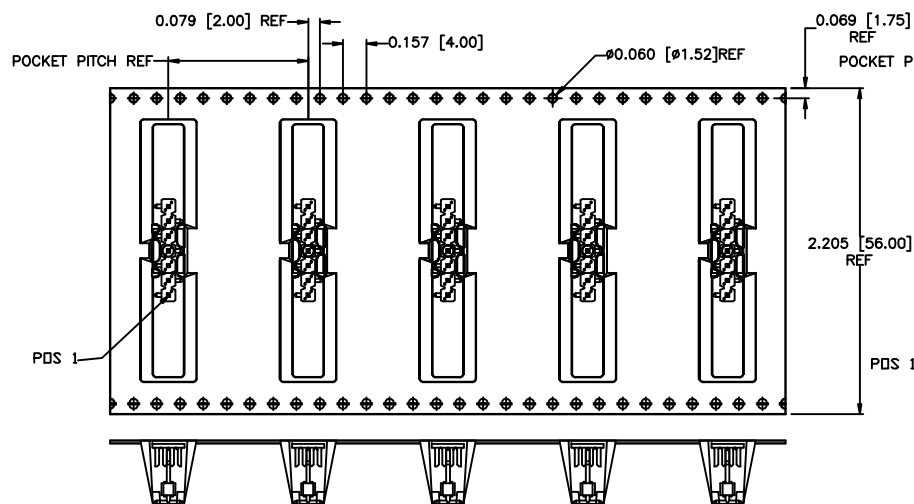
- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0  
COLOR: BLACK  
OR  
MINERAL FILLED LCP FLAME RETARDENT  
PER UL-94V-0. COLOR: BLACK.
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW.  
EXAMPLE: 10 POS., N x .100/2.54=1.00/25.4
- 2LBS/0.9KG MIN. PIN 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."
- PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



mat'l. code	surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecr no	dr	date	title .100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
R				INCH/MM
		angles	linear	scale 1:1
		0°±2°	JXX1.01/JX10.3 JXX1.005/JXX10.13 JXX1.0020/JXX10.05	dwg no 54201
		dr	D.INGRAM 05/11/99	sheet 2 of 3 size A3
		engr	H.SUNDY 07/21/99	type Product Customer Drawing
		chr	H.SUNDY 07/21/99	
		appd	H.SUNDY 07/21/99	
sheet index	revision sheet			

# CARRIER FOR ODD NUMBERS OF ROWS

# CARRIER FOR EVEN NUMBERS OF ROWS



UN-REELING DIRECTION OF FEED

UN-REELING DIRECTION OF FEED



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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
R				angles	linear	INCH/MM	.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
				0° ± 2'	XXXL01/XXXL03 XXXL005/XXXL013 XXXL0020/XXXL005	scale 1:1	dwg no
				dr	D.INGRAM 05/11/99	FCI	sheet 3 of 3 size
				engr	H.SUNDY 07/21/99		54201 A3
				chr	H.SUNDY 07/21/99		type
				appd	H.SUNDY 07/21/99		Product Customer Drawing
sheet index	revision sheet						