

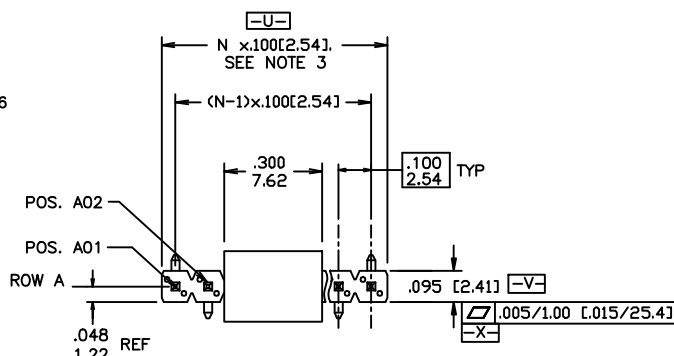
PRODUCT NUMBER
54201 - X XX - XX - XXX

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



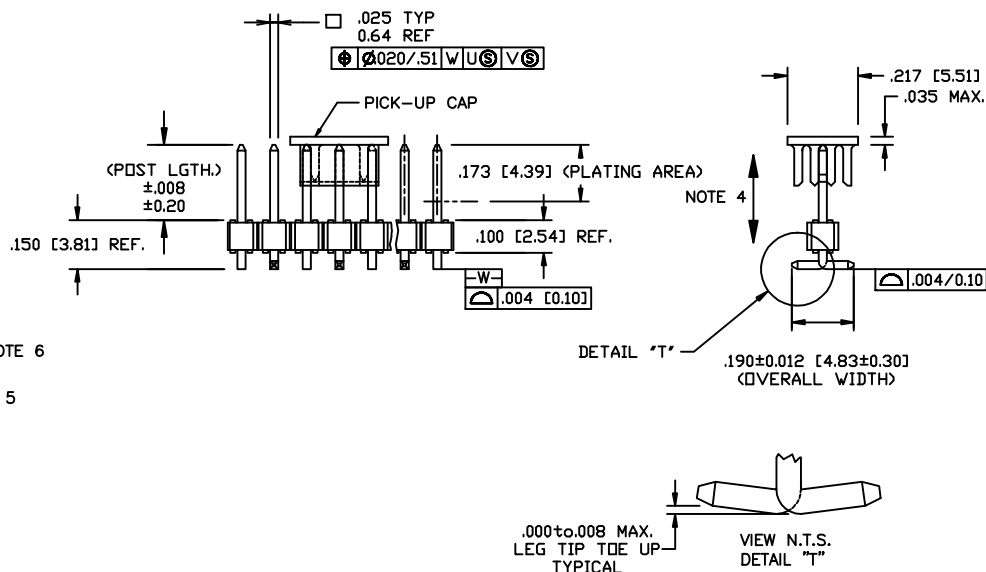
LEAD FREE PRODUCT NUMBER
54201 - X XX XX - XXX LF

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



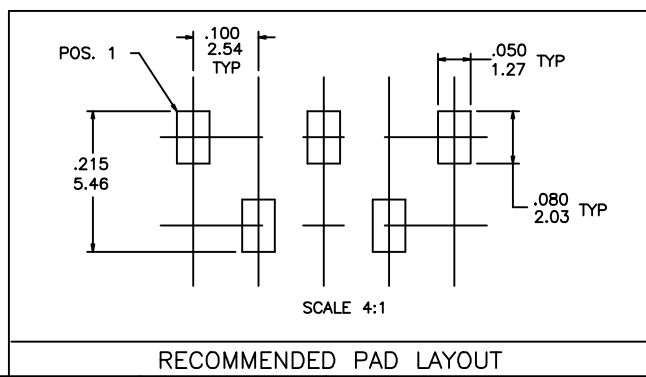
mat'l. code	SEE NOTES 1 & 2	surface	ISO 1902	tolerance	ISO 406	projection	product family
ltr	ecn no	dr	date	tolerance unless otherwise specified	linear	INCH/MM	BERGSTIK
J	M06-0258	MHT	7/17/06	angles	.XXX.01/.XXX.03	scale 1:1	title
K	M06-0435	MHT	10/31/06	linear	.XXX.005/.XXX.013		.100 UNSHROUDED HDR.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

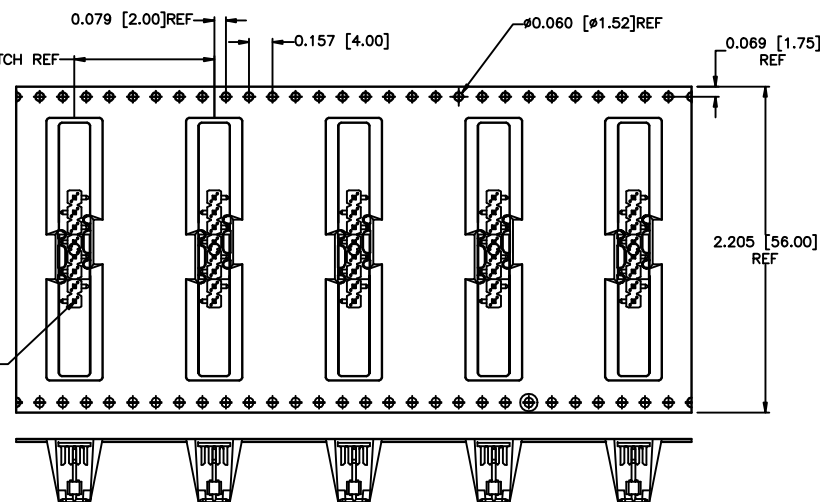
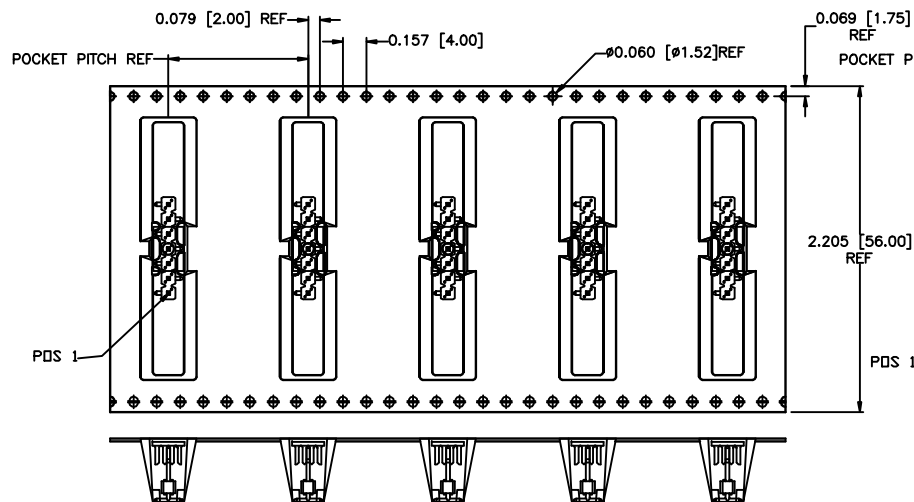
- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
OR
MINERAL FILLED LCP FLAME RETARDENT
PER UL-94V-0. COLOR: BLACK.
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW.
EXAMPLE: 10 POS., N x .100/2.54=1.00/25.4
- 2LBS/0.9KG MIN. PIN RETENTION 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	tolerances unless otherwise specified		INCH/MM		title	
R				angles	linear	scale 1:1		.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.	
				0°±2°				dwg no	
				dr	D.INGRAM	05/11/99	sheet 2 of 3		size
				engr	H.SUNDY	07/21/99	54201		A3
				chr	H.SUNDY	07/21/99	type		Product Customer Drawing
				appd	H.SUNDY	07/21/99			
sheet	revision								
index	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		INCH/MM	title
R				angles	linear		.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						