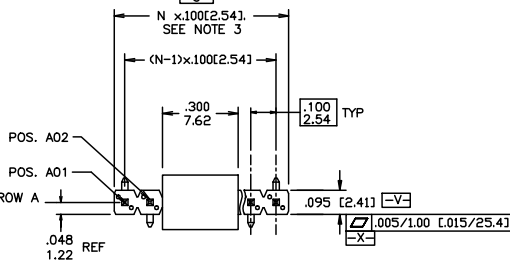


PRODUCT NUMBER
54201 - X XX - XX - XXX

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

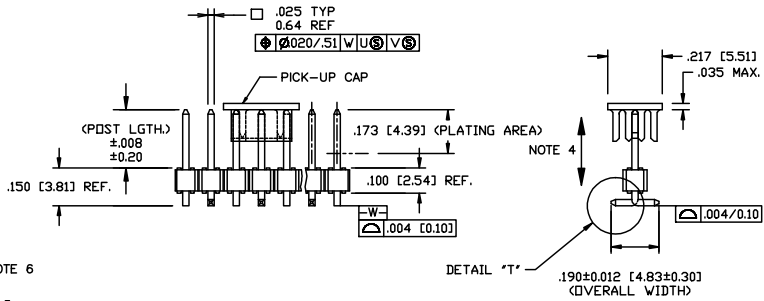


LEAD FREE PRODUCT NUMBER
54201 - X XX XX - XXX LF

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



.000to.008 MAX.
LEG TIP TDE UP
TYPICAL

mal'l code SEE NOTES 1 & 2		surface ISO 902	tolerance ISO 436 ISO 1001	projection INCH/MM	product family BERGSTIK
lfr	ecn no	dr	date	angles linear	tolerance XXX.XX/XXX.XX
J	M06-0258	MHT	7/17/06	0°±2'	XXX.XX/XXX.XX
K	M06-0435	MHT	10/31/06		XXX.XX/XXX.XX
L	M07-0192	MHT	4/18/07		XXX.XX/XXX.XX
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	

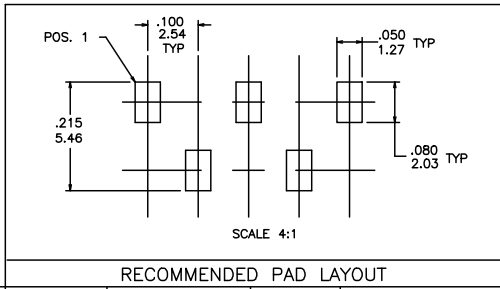
title
.100 UNSHROUDED HDR.
S/R VERT. SURF. MNT.
dwg no
54201
sheet 1 of 3 size
A3
type
Product Customer Drawing

TAPE AND REEL PACKAGING

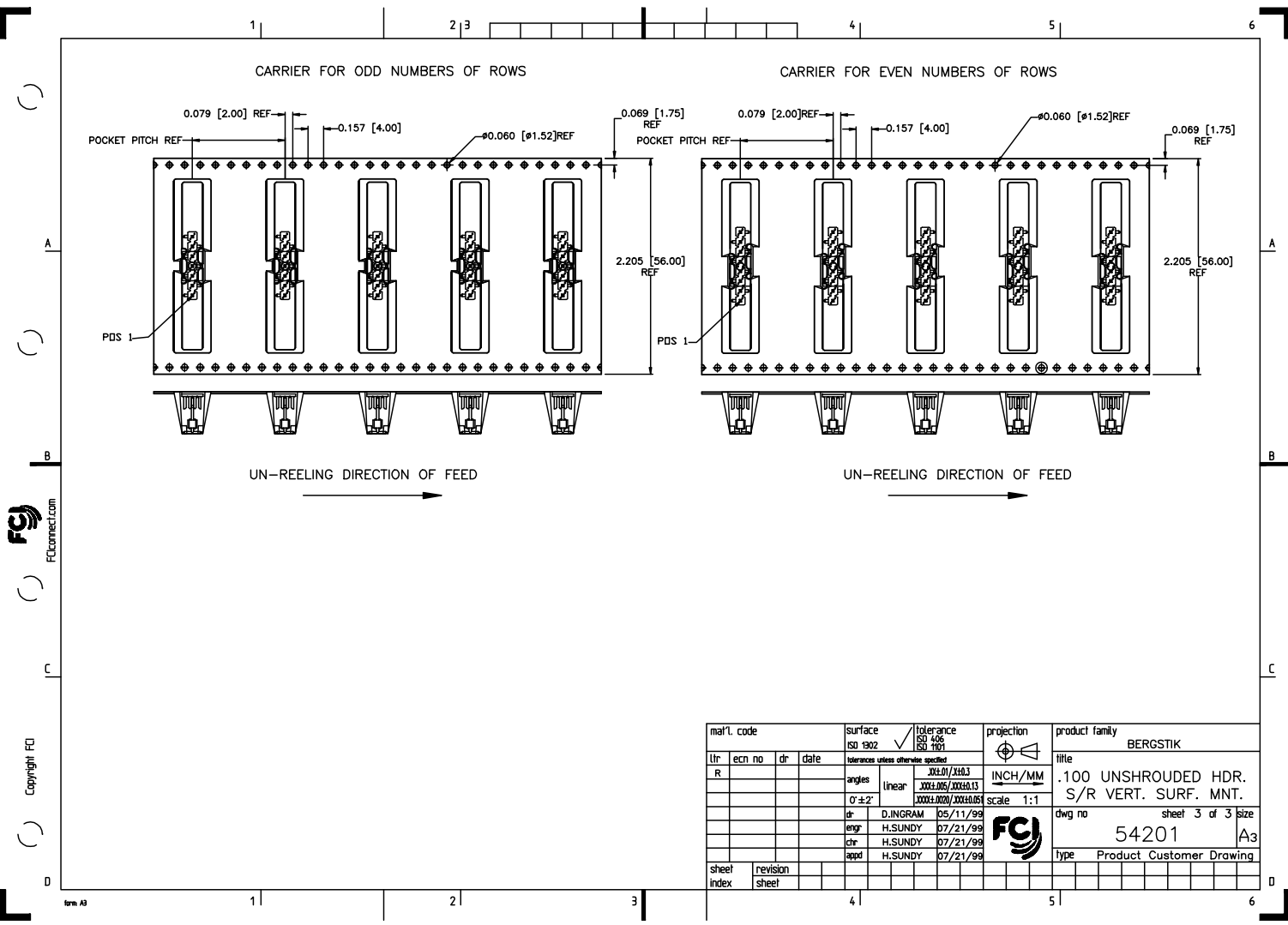
SIZE	LEAD STYLE 08 POST (0.230 [5.84])	LEAD STYLE 30 POST (0.318 [8.08])
1X2	YES	NONE
1X3		
1X4		
1X5		
1X6		
1X7		
1X8		
1X9		
1X10		
1X11		
1X12		
1X13		
1X14		
1X15		
1X16		
1X17	YES	
1X18	NONE	
1X19	NONE	
1X20	NONE	NONE

NOTES:

- ① HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0
COLOR: BLACK
OR
MINERAL FILLED LCP FLAME RETARDENT
PER UL-94V-0. 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 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.
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.



mal't. code	surface ISO 1902	tolerance ISO 146 ISO 100	projection	product family BERGSTIK
ltr	ecn no	dr	date	title
R				.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
	angles	linear	XX±.01/XX±.03 XXX±.05/XXX±.03	INCH/MM
	0'±2'		XXX±.000/XXX±.005	scale 1:1
	dr	D.INGRAM	05/11/99	dwg no
	engr	H.SUNDY	07/21/99	54201
	chr	H.SUNDY	07/21/99	sheet 2 of 3
	appd	H.SUNDY	07/21/99	size A3
sheet	revision			type Product Customer Drawing
index	sheet			



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mal'l. code		surface	tolerance	projection	product family
ISO 1902		ISO 1436	ISO 1001		BERGSTIK
R		tolerances unless otherwise specified		title	
		angles	linear	.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.	
		0°±2'	XXX±.01/XXX±.03	INCH/MM	
			XXX±.005/XXX±0.13	scale 1:1	
		dr	D.INGRAM 05/11/99		
		eng	H.SUNDY 07/21/99		
		chr	H.SUNDY 07/21/99		
		appd	H.SUNDY 07/21/99		
sheet	revision				dwg no
index	sheet				54201
					sheet 3 of 3
					size A3
					type Product Customer Drawing

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