

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

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

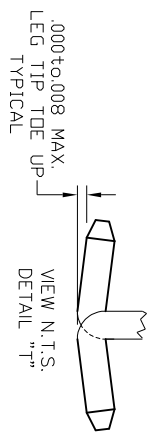
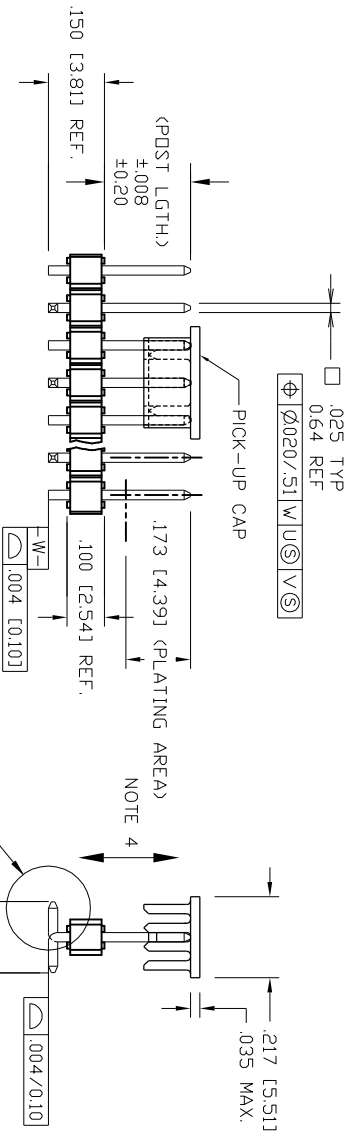
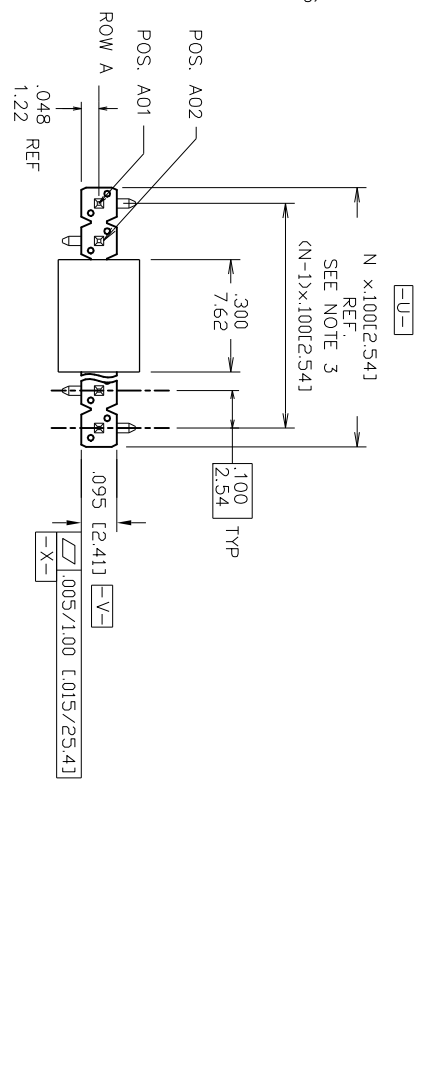
POLARIZATION, SEE NOTE 6  
PACKAGING TYPE, NOTE 5  
POSITIONS PER ROW  
02 TO 17

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  
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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



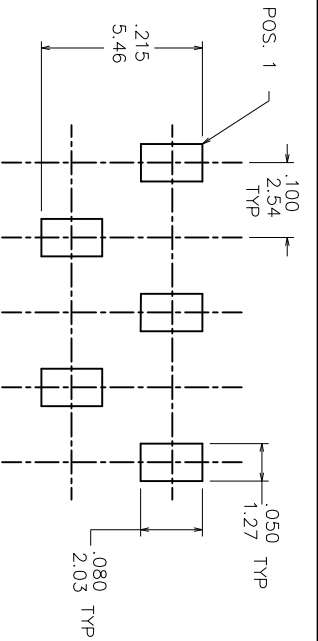
mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 1101	ISO 1101	INCH/MM	BERESTIK

itr	ecn no	dr	date	tolerances unless otherwise specified	scale
R	M08-0279	MHT9/30/08	05/11/99	xxxx.000/xxxx.005	1:1
S	ELX-N-14294	DCS	2013-03-19	xxxx.000/xxxx.005	
T	ELX-N-46942	MZ	2017-05-09	xxxx.000/xxxx.005	

sheet	revision	T	T	T	T	dwg no	sheet 1 of 3	size
index	sheet	1	1	1	1	54201		A3

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



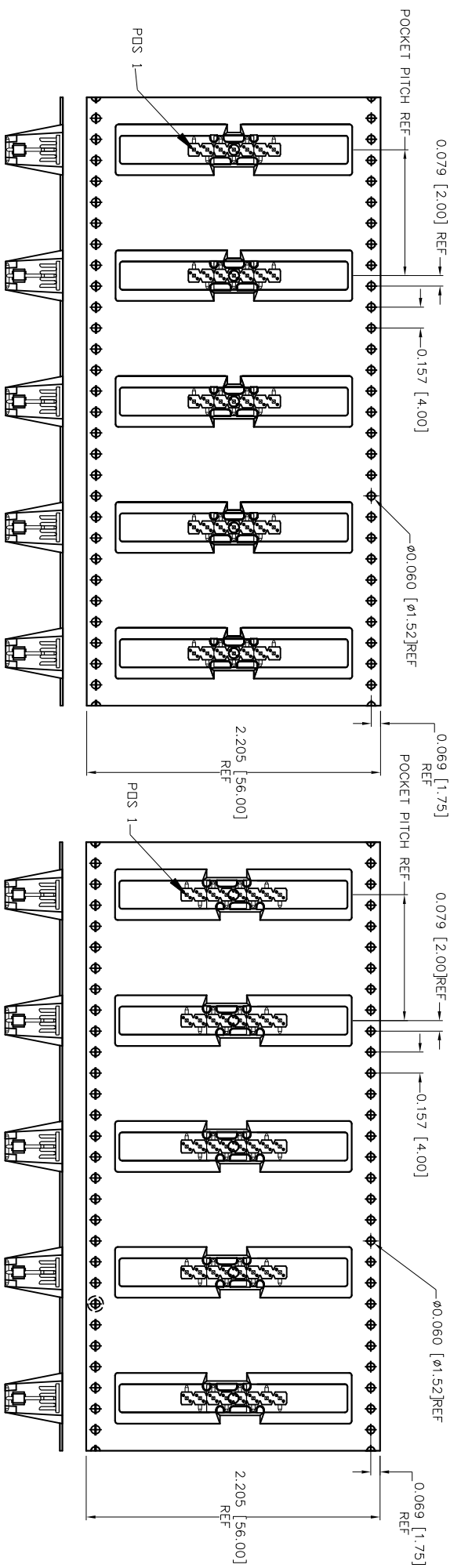
RECOMMENDED PAD LAYOUT

- NOTES:
- 1. HOUSING MATL: 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=1.00/2.54
  - 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.  
S = TAPE AND REEL WITH PICKUP CAPS. (24MM WIDTH CARRIE TAPE).
  - 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.

mat'l code	surface finish	tolerance	projection	product family
1302	100	100	INCH/MM	BERESTIK
tr	ecm no	dr	date	title
T				.100 UNSHROUDED HDR. S/R VERT. SURF. MNT.
	tolerances unless otherwise specified	angles	linear	Scale 1:1
	xxx.x/xxx.x	0±2°	xxx.x/xxx.x	
dr	DJINGRAM	05/11/99		dwg no
enfr	H.SUNDY	07/21/99		54201
chr	H.SUNDY	07/21/99		sheet 2 of 3 size
pppd	H.SUNDY	07/21/99		A3
sheet index	revision			type Product Customer Drawing

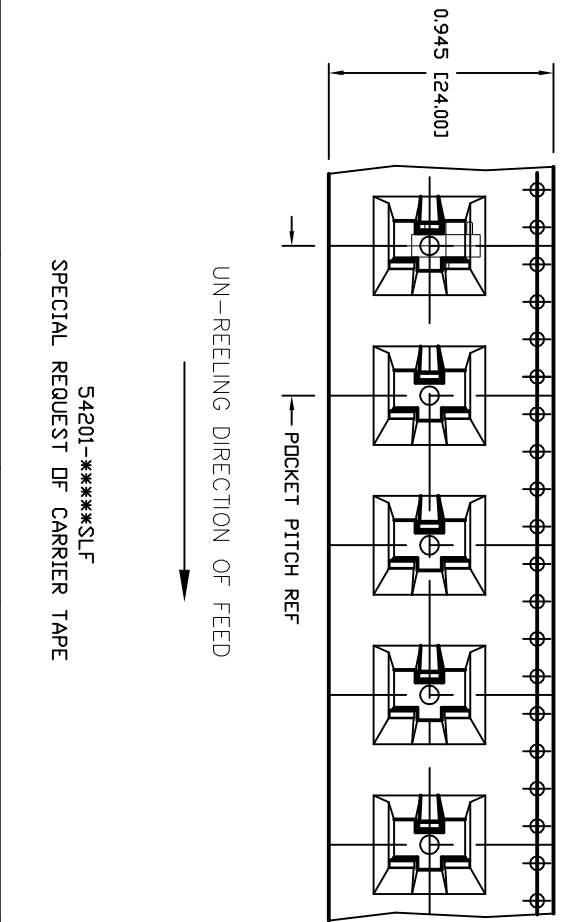
CARRIER FOR ODD NUMBERS OF ROWS

CARRIER FOR EVEN NUMBERS OF ROWS



UN-REELING DIRECTION OF FEED

UN-REELING DIRECTION OF FEED



UN-REELING DIRECTION OF FEED

POCKET PITCH REF

SPECIAL REQUEST OF CARRIER TAPE

54201-\*\*\*\*\*SLF

mat'l. code	surface	tolerance	projection	product family
ISD 1302	✓	ISO 1101	INCH/MM	BERESTIK
tolerances unless otherwise specified	tolerances unless otherwise specified	tolerances unless otherwise specified	Scale 1:1	title
xxx.0/xxd3	xxx.0/xxd3	xxx.0/xxd3	Scale 1:1	.100 UNSHROUDED HDR.
linear	linear	linear	Scale 1:1	S/R VERT. SURF. MNT.
0°±2°	0°±2°	0°±2°	Scale 1:1	dwg no
dr D:INGRAM	05/11/99	05/11/99	Scale 1:1	54201
enr H:SUNDY	07/21/99	07/21/99	Scale 1:1	sheet 3 of 3
chr H:SUNDY	07/21/99	07/21/99	Scale 1:1	size
pppd H:SUNDY	07/21/99	07/21/99	Scale 1:1	A3
sheet	revision	index	sheet	type
Product	Customer	Drawing		