

PRODUCT NUMBER  
77313-YXX-XXLF

PLATING SEE SHEET 2

PIN STYLE SEE SHEET 2

RoHS COMPATIBLE  
SEE NOTE 7

TOTAL NB OF POSITIONS 04 TO 72  
OPTION LETTERS : NOTE 8

PRODUCT NUMBER (BERGSTRIK PACKAGING)  
77313-YXX-00LF

PLATING

1= 0.76µm GOLD/GXT ON CONTACT  
AREA, 2µm TIN MIN ON TAILS

8= 0.38µm GOLD/GXT ON CONTACT  
AREA, 2µm TIN MIN ON TAILS

4= 2.0µm TIN MIN FULL PLATED  
1.27µm NICKEL MIN UNDERLAYER FOR  
ALL PLATING VERSIONS

INDICATES THE PRODUCT IS RoHS  
COMPATIBLE, SEE NOTE 6

POSITIONS PER REEL : 00=45,000 (BERGSTRIK)

PIN STYLE	MATING	SOLDER	OAL
01	5.84	2.41	10.8
02	5.84	3.42	11.8
18	5.84	3.05	11.43
22	7.75	3.05	13.35
24	6.75	2.9	12.2
27	6.6	2.66	11.8

#### NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE  
THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- BERGSTIK PRODUCT PACKAGED IN POLY BAGS.  
BERGSTRIK PRODUCT PACKAGED PER REELS.
- 9N MIN RETENTION IN EITHER DIRECTION

#### 5. TO DETERMINE DIMENSIONS :

N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS N x 2.54 = 20.32mm

- FOR PIN IN PASTE SOLDERING APPLICATION :  
FINISHED PLATED HOLE Ø1.02-Ø1.06  
LAND Ø1.45 MAX

#### 7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

##### a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM  
MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE

##### b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE  
FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD

##### c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

##### d - LEGAL STATEMENT: SEE GS-47-0004

#### 8. OPTIONS :

- = POLYBAG PACK

"A" = TAPE & REEL WITH CAP

"T" = STANDARD TUBE PACKAGING

"V" = BLIBOX PACK FOR CUSTOMER DEDICATED PART

"AV" = TAPE & REEL WITH CAP FOR CUSTOMER DEDICATED PART

"KV" = TAPE & REEL WITHOUT CAP FOR CUSTOMER DEDICATED PART

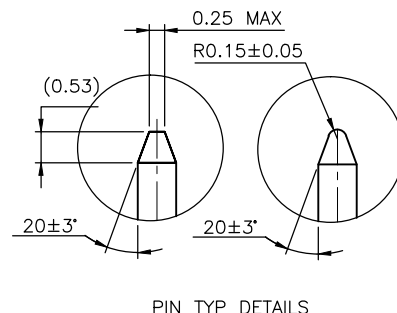
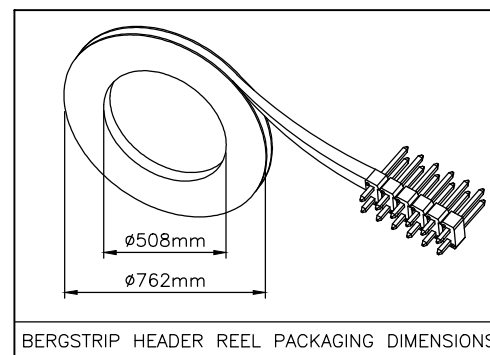
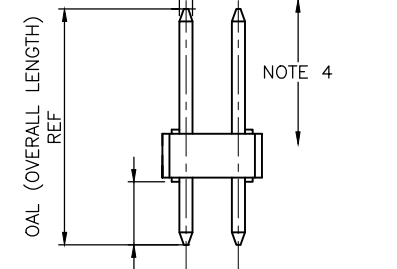
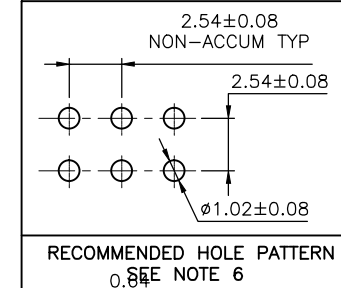
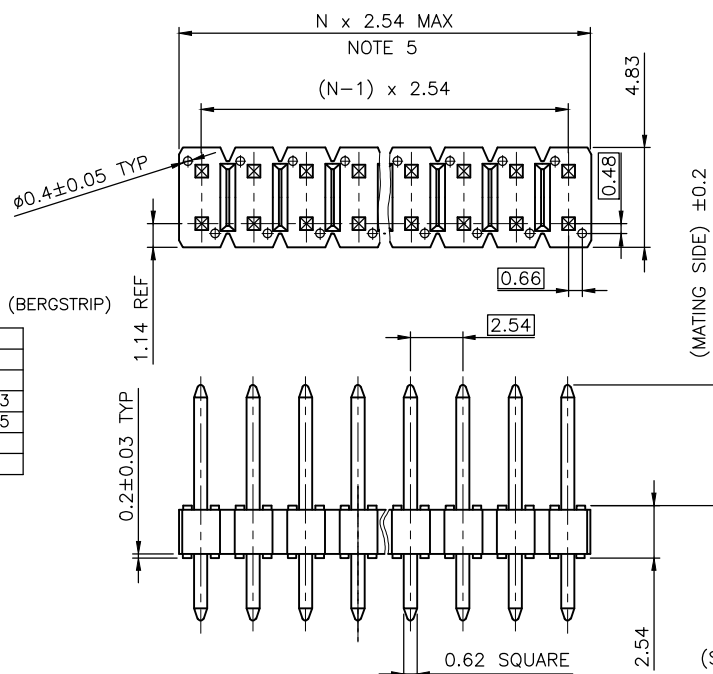
"TV" = TUBE WITHOUT CAP FOR CUSTOMER DEDICATED PART

"R" = RETENTION FEATURE PAGE 2

IF RETENTION FEATURE "R" AND TUBE PACKAGING "T" ARE BOTH REQUIRED

OPTIONAL LETTER "R" WILL APPEAR INSTEAD OF THE FIRST DASH

EXAMPLE : 77313R118T40LF

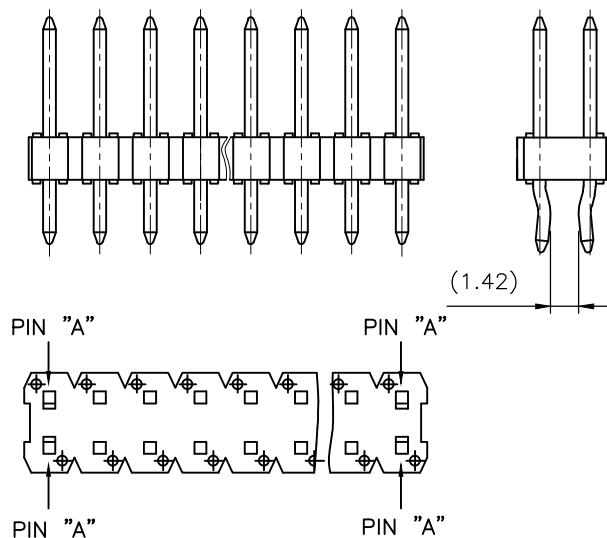


mat'l. code SEE NOTES	surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK
lfr ecn no dr date	tolerances unless otherwise specified	linear .X ±0.3 .XX ±0.15 .XXX ±0.05	scale 5:1	title UNSHR.HEADER STR DR TMT
BP F11-0320LMU 12.01.25	angles			dwg no
BR B-16639 JCO 14.01.03				sheet 1 of 2
BS B-18917 LMU 14.09.26				size A3
BT B-19782 AMA 14.12.18	dr D.LE 01.01.24			type CUSTOMER Drawing
	enrg JM.C 01.01.24			
BM F11-0055 LMU 11.06.08	chr JM.C 01.01.24			
BN F11-0307 LMU 11.09.26	appd JCO 01.01.24			
sheet revision BT BF				
index sheet 1 2				

# PLATING

- 1 = 0.76μm GOLD/GXT ON CONTACT AREA, 2μm TIN MIN ON TAIL
- 4 = 2μm TIN MIN FULL PLATED
- 5 = 0.25μm GOLD/GXT ON CONTACT AREA, 2μm TIN MIN ON TAIL
- 8 = 0.38μm GOLD/GXT ON CONTACT AREA, 2μm TIN MIN ON TAIL
- G = 0.76μm FULL GXT
- S = 0.38μm FULL GXT
- 1.27μm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

## RETENTION OPTION



## NOTES:

- PART NUMBER 77313-YXXRXXLF
- 4 PINS "A" USED FOR RETENTION  
DIRECTION OF RETENTION SHOWN BY ARROWS  
PIN "A" AT EACH END OF HEADER.
- FOR RETENTION OPTION , SOLDER TAIL LENGTH TO BE  
2.9 MIN UP TO 3.5 MAX.

## PRODUCTS SPECIFICATIONS

PIN	STYLE	MATING	SOLDER	OAL
01		5.84	2.41	10.8
02		5.84	3.42	11.8
03		5.72	5.09	13.35
04		5.72	7.64	15.90
15		8.51	2.55	13.6
18		5.84	3.05	11.43
19		12.83	3.03	18.4
20		15.37	3.04	20.95
22		7.75	3.05	13.35
24		6.75	2.9	12.2
27		6.6	2.65	11.8
29		17.46	3.50	23.5
38		5.84	3.82	12.20
46		8.08	2.98	13.6
52		9.5	3.05	15.09
57		8.46	3.05	14.05
58		14.47	3.05	20.06
83		20.46	3.0	26.0
85		10.5	2.9	15.9
87		6.98	3.05	12.57

## PRODUCTS SPECIFICATIONS

PIN	STYLE	MATING	SOLDER	OAL
89		6.93	5.00	14.47
90		6.75	4.05	13.34
91		5.60	10.21	18.4
92		5.65	12.76	20.95
93		6.00	4.81	13.35
94		9.65	2.90	15.09
95		8.90	3.60	15.09
96		20.83	3.05	26.42
97		14.70	3.70	20.95
98		6.00	6.00	14.47
99		8.05	2.25	12.8
AA		11.90	3.30	17.70
AB		7.00	1.50	11.00
AC		N/A		
AD		8.51	10.59	21.64
AE		3.30	3.30	9.14
AF		N/A		
AG		4.79	3.00	10.33
AH		2.67	3.43	8.64
AJ		8.00	8.00	18.54
AK		7.00	7.00	16.54
AL		5.90	1.60	10.05
AM		12.06	2.60	17.20
AN		11.50	1.90	15.94

mat'l. code				surface	tolerance	projection	product family
ltr	ecr no	dr	date	ISO 1302	ISO 406	ISO 1101	BERGSTIK
BE	B-18917	LMU	14.09.26	tolerances unless otherwise specified			title
BF	B-19782	AMA	14.12.18	angles	linear	mm	UNSHR.HEADER
						scale N/A	STR DR TMT
				dr	D.LE	01.01.24	dwg no
BB	F11-0307	LMU	11.09.26	enr	JM.C	01.01.24	sheet 2 of - size
BC	F11-0320	LMU	12.01.25	chr	JM.C	01.01.24	77313 A3
BD	B-16639	JCO	14.01.03	appd	JF.N	01.01.24	type CUSTOMER Drawing
sheet	revision						
index	sheet						