

PRODUCT NUMBER
77313-YXX-XXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 7

TOTAL NB OF POSITIONS 04 TO 72

OPTION LETTERS : NOTE 8

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

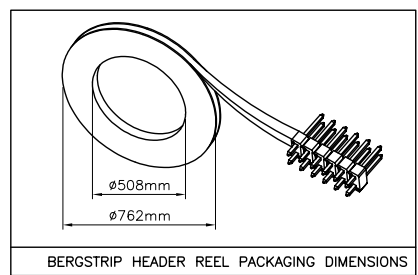
INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 6

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

- 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

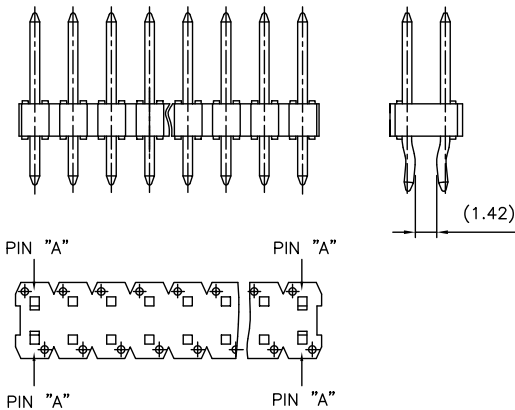
- NOTES:
- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
 - PIN MATERIAL : PHOSPHOR BRONZE
 - BERGSTRIK PRODUCT PACKAGED IN POLY BAGS. BERGSTRIK PRODUCT PACKAGED PER REELS.
 - 9N MIN RETENTION IN EITHER DIRECTION
 - TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 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
 - 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-22-008
 - OPTIONS :
 - = POLYBAG PACK
 - "A" = TAPE & REEL WITH CAP
 - "T" = STANDARD TUBE PACKAGING
 - "V" = BLIBOX PACK FOR VALEO
 - "AV" = TAPE & REEL WITH CAP FOR VALEO
 - "KV" = TAPE & REEL WITHOUT CAP FOR VALEO
 - "TV" = TUBE WITHOUT CAP FOR VALEO
 - "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	surface	tolerance	projection	product family
SEE NOTES	ISO 1302	ISO 406 ISO 1101	ISO 1101	BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified
BG	F09-0095	JCO	09.11.02	.x ±0.3
BH	F10-0028	LMU	10.04.06	.xx ±0.15
BJ	F10-0066	JCO	10.06.22	xxx ±0.05
BK	F10-0066	JCO	10.07.05	dr
BL	F10-0099	LMU	10.09.08	D.LE
BF	F09-0081	JCO	09.08.28	engr
sheet	revision	BL	AY	chr
index	sheet	1	2	appd
				JCO

RETENTION OPTION



CORE RANGE				
PLATING	PIN STYLE	MATING	SOLDER	OAL
1	01	5.84	2.41	10.8
1	18	5.84	3.05	11.43

PLATING
 1 = 0.76µm GOLD/GXT ON CONTACT AREA
 3.81µm TIN-LEAD ON TAIL
 - WHEN "LF" IS REQUIRED, 2µm MATTE
 TIN OVER 1.27µm MIN NICKEL IS
 PROVIDED INSTEAD OF TIN-LEAD

CATALOGUE RANGE				
PLATING	PIN STYLE	MATING	SOLDER	OAL
4/8	01	5.84	2.41	10.8
1/4/8	02	5.84	3.42	11.8
4/8	18	5.84	3.05	11.43
1/4/8	22	7.75	3.05	13.35
1/4/8	24	6.75	2.9	12.2
1/4/8	27	6.6	2.65	11.8

APPLICATION SPECIFIC

PLATING	PIN STYLE	MATING	SOLDER	OAL
1/4/8	03	5.72	5.09	13.35
1/4/8	15	8.51	2.55	13.6
1/4/8	19	12.83	3.03	18.4
1/4/8	20	15.37	3.04	20.95
1/4/8	29	17.46	3.50	23.5
1/4/8	38	5.84	3.82	12.20
1/4/8	46	8.08	2.98	13.6
1/4/8	52	9.5	3.05	15.09
1/4/8	57	8.46	3.05	14.05
1/4/8	58	14.47	3.05	20.06
1/4/8	83	20.46	3.0	26.0
1/4/8	85	10.5	2.9	15.9
1/4/8	87	6.98	3.05	12.57
1/4/8	89	6.93	5.00	14.47
1/4/8	90	6.75	4.05	13.34
1/4/8	91	5.60	10.21	18.4
1/4/8	92	5.65	12.76	20.95
1/4/8	93	6.00	4.81	13.35
1/4/8	94	9.65	2.90	15.09
1/4/8	95	8.90	3.60	15.09
1/4/8	96	20.83	3.05	26.42
1/4/8	97	14.70	3.70	20.95
1/4/8	98	6.00	6.00	14.47

NOTES:

- PART NUMBER 77313-YXXRXX(LF)
- 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.

PLATING

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL
- 4 = 3.81µm TIN-LEAD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL
- 8 = 0.38µm GOLD/GXT ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL
- WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER 1.27µm MIN NICKEL
PROVIDED INSTEAD OF TIN-LEAD

mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406 ISO 1101		BERGSTIK
ltr	ecn no	dr	date	angles	linear
AW	F08-0148	RTR	08.03.31		
AX	F08-0205	LMU	08.07.24		
AY	F09-0095	JCO	09.11.02		
AT	F07-0110	LMU	07.01.17	engr	JM.C
AU	F07-0114	LMU	07.01.24	chr	JM.C
AV	F07-0123	LMU	07.02.05	appd	JF.N
sheet	revision				
index	sheet				
				scale	N/A
				title	UNSHR.HEADER STR DR TMT
				dwg no	77313
				sheet 2 of -	size
				type	CUSTOMER Drawing