

PRODUCT NUMBER

77313-YXX-XXLF

PLATING SEE SHEET 2

PIN STYLE SEE SHEET 2

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

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:

1. HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK

2. PIN MATERIAL : PHOSPHOR BRONZE

3. BERGSTRIK PRODUCT PACKAGED IN POLY BAGS.
BERGSTRIK PRODUCT PACKAGED PER REELS.

4. 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

6. 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-22-008

8. OPTIONS :

- = POLYBAG PACK

"A" = TAPE & REEL WITH CAP

"T" = STANDARD TUBE PACKAGING

"V" = BLIBOX PACK FOR VALEO

"AV" = TAPE & REEL WITH CAP FOR VALEO

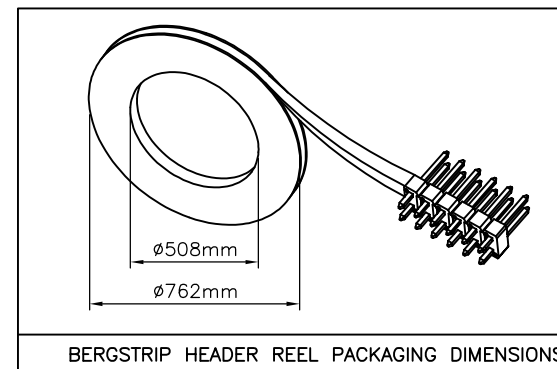
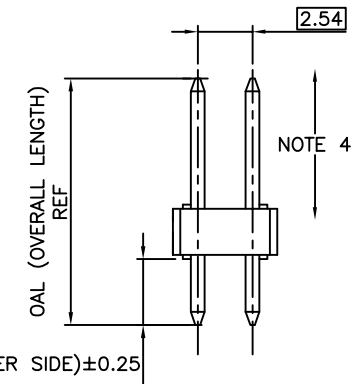
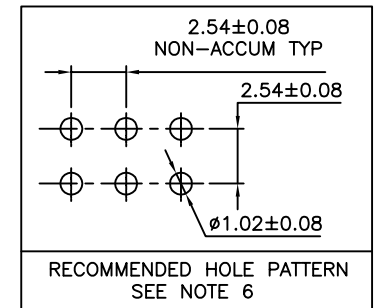
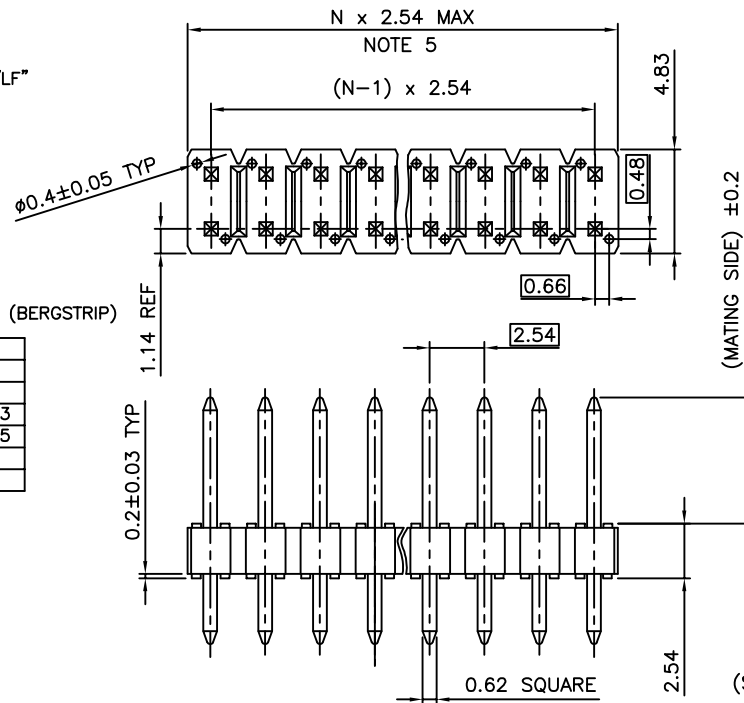
"KV" = TAPE & REEL WITHOUT CAP FOR VALEO




"TV" = TUBE WITHOUT CAP FOR VALEO

"R" = RETENTION FEATURE PAGE 2

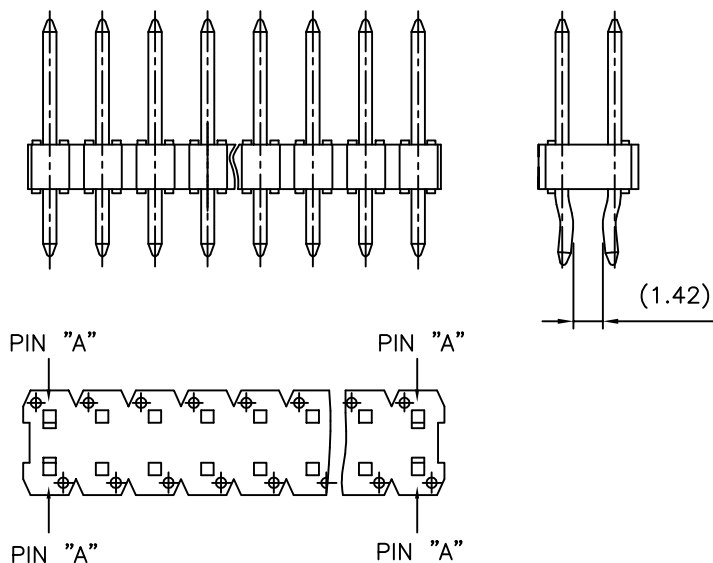
IF RETENTION FEATURE "R" AND TUBE PACKAGING "T" ARE BOTH REQUIRED
OPTIONAL LETTER "R" WILL APPEAR INSTEAD OF THE FIRST DASH

EXAMPLE : 77313R118T40LF



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title UNSHR.HEADER STR DR TMT				
BG	F09-0095	JCO	09.11.02	angles	linear	.X ±0.3		scale 5:1		dwg no 77313 sheet 1 of 2 size A3				
BH	F10-0026	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	D.LE		01.01.24				type CUSTOMER Drawing			
BL	F10-0099	LMU	10.09.08	enrg	JM.C		01.01.24							
				chr	JM.C		01.01.24							
BF	F09-0081	JCO	09.08.28	appd	JCO		01.01.24							
sheet index	revision sheet	BL 1	AY 2											

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 = 0.76 μ m GOLD/GXT ON CONTACT AREA
3.81 μ m TIN-LEAD ON TAIL

- WHEN "LF" IS REQUIRED, 2 μ m MATTE
TIN OVER 1.27 μ m 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 = 0.76 μ m GOLD/GXT ON CONTACT AREA 3.81 μ m TIN-LEAD ON TAIL
4 = 3.81 μ m TIN-LEAD ON CONTACT AREA 3.81 μ m TIN-LEAD ON TAIL
8 = 0.38 μ m GOLD/GXT ON CONTACT AREA 3.81 μ m TIN-LEAD ON TAIL

- WHEN "LF" IS REQUIRED, 2 μ m MATTE TIN OVER 1.27 μ m MIN NICKEL
PROVIDED INSTEAD OF TIN-LEAD

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK
ltr	ecp no	dr	date	tolerances unless otherwise specified		mm	title
AW	F08-0148	RTR	08.03.31	angles	linear		UNSHR.HEADER
AX	F08-0205	LMU	08.07.24				STR DR TMT
AY	F09-0095	JCO	09.11.02			scale N/A	
				dr	D.LE	01.01.24	dwg no
AT	F07-0110	LMU	07.01.17	enrg	JM.C	01.01.24	sheet 2 of -
AU	F07-0114	LMU	07.01.24	chr	JM.C	01.01.24	size
AV	F07-0125	LMU	07.02.05	appd	JF.N	01.01.24	77313
sheet	revision						A3
index	sheet						type
							CUSTOMER
							Drawing