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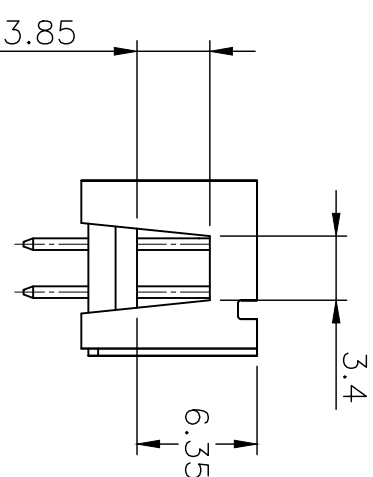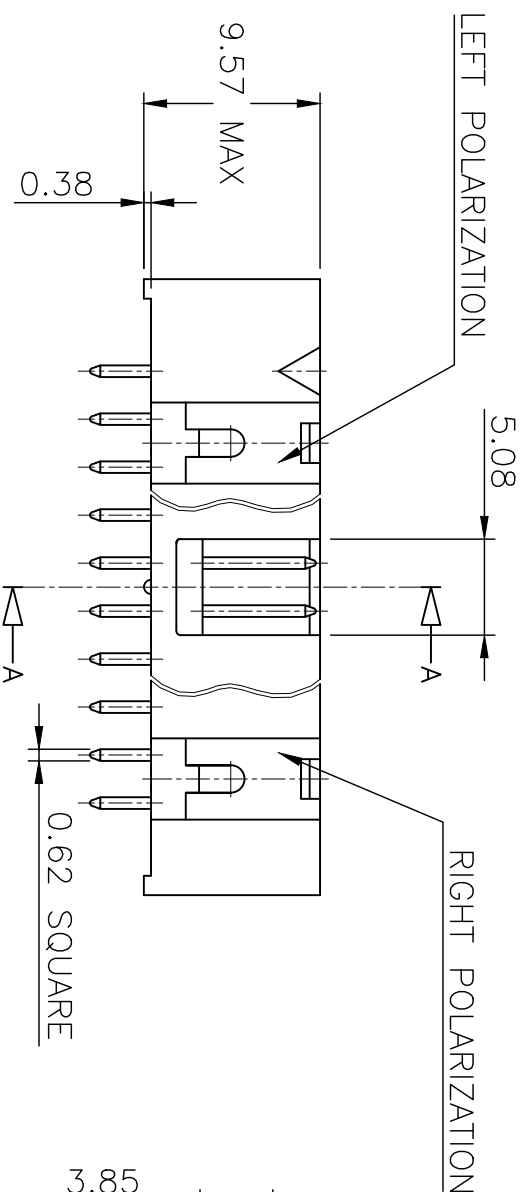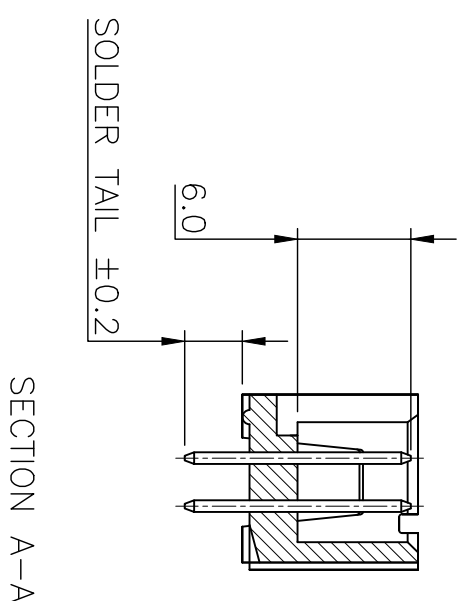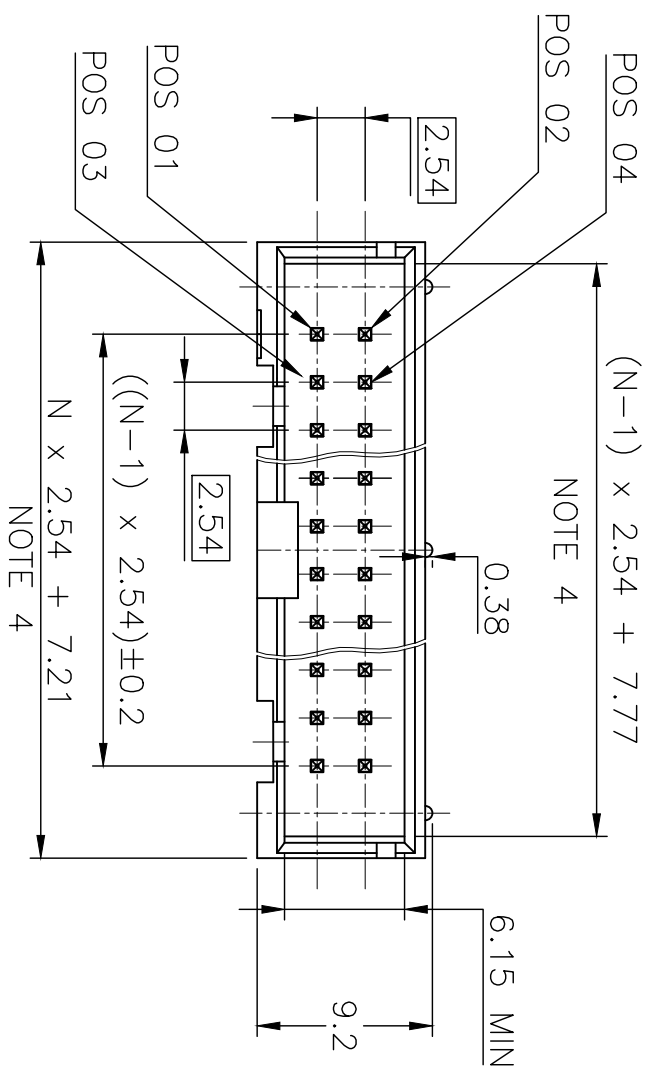
PRODUCT NUMBER

75869-YXXHFLF

└─ RoHS COMPATIBLE, SEE NOTE 5

└─ OPTION LETTER, NOTE 1b, OMIT FROM
   PRODUCT NUMBER IF NOT APPLICABLE

└─ PIN STYLE, SEE SHEET 2 & 3.

└─ PLATING SEE SHEET 2 & 3.

NOTES:

1a – HOUSING MAT'L: GLASS FILLED
     THERMOPLASTIC. UL94V-0 COLOR: BLUE
     PART MEETS WITH GWT (725°C;960°C)

1b – HIGH TEMPERATURE PLASTIC 30% GLASS REINFORCED
     NON HALOGEN FLAME RETARDED MOLDING COMPOUND
     COLOR BLACK

2 – PIN MATERIAL: PHOSPHOR BRONZE

3 – PACKAGING:
    POLYBAGS FROM 2X02 TO 2X04 POSITIONS
    TUBE FROM 2X05 TO 2X32 POSITIONS

4 – TO DETERMINE DIMENSIONS:
    N = NUMBER OF POSITIONS PER ROW
    EXAMPLE: 8 POS N × 2.54 = 20.32mm

5 – 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 – LABELLING:
    – MEETS PACKAGING SPECS AS PER GS-14-920

d – LEGAL STATEMENT: SEE GS-47-0004

RECOMMENDED HOLE PATTERN

Ø1.02±0.08
NON-ACCUM TYP
2.54±0.08
2.54±0.08

LEFT POLARIZATION
RIGHT POLARIZATION

9.57 MAX
0.38
5.08
0.62 SQUARE
3.85
6.35
3.4

POS 04
POS 02
POS 01
POS 03
2.54
2.54
0.38
(N−1) × 2.54 + 7.77   NOTE 4
((N−1) × 2.54)±0.2   NOTE 4
N × 2.54 + 7.21
9.2
6.15 MIN

SOLDER TAIL ±0.2
SECTION A-A
6.0
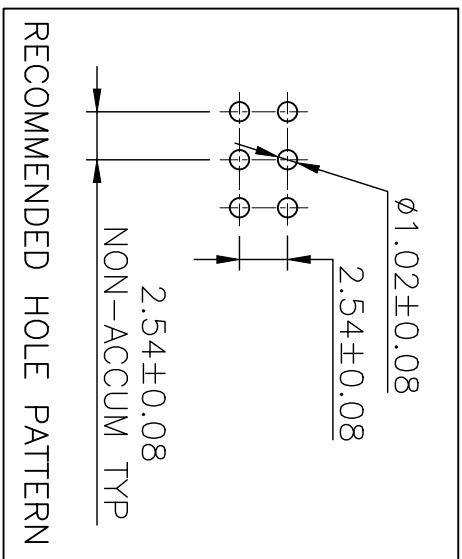
mat'l code	SEE NOTES				surface		tolerance					
Ltr	ecn no	dr	date		ISO 1302	√	ISO 406	ISO 1101				
BL	F12-0805LMU	LMU	12.10.25		tolerances unless otherwise specified							
BM	B-18120	LMU	14.07.10		angles							
BN	B-19070	LMU	14.10.15	dr	linear		.X ±0.3					
BP	B-19091	LMU	14.10.16	engr			.XX ±0.13					
BR	B-20087	AMA	15.01.26	chr			.XXX ±0.05					
BS	F-43374	DDE	21.12.22	appd								

	D.LE	01.01.24
	JM.C	01.01.24
	JF.N	01.01.24
	JM.C	01.01.24

sheet index 1 2 3
revision BS BE L
sheet BS BE L

projection ⊕
scale 2.5:1
mm

product family: QUICKIE
title: SHR.LP.HEADER STR DR TMT
dwg no: 75869
sheet 1 of 3
size A3
type: CUSTOMER Drawing

form: A3

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STANDARD APPLICATION

PIN STYLE	NUMBER OF POSITIONS	SOLDER TAIL REF	LEFT POLARIZATION	RIGHT POLARIZATION
30	2 x 2	3.05	NO	NO
31	2 x 3	3.05	NO	NO
32	2 x 4	3.05	NO	NO
01	2 x 5	3.05	NO	NO
02	2 x 7	3.05	NO	YES
03	2 x 8	3.05	YES	YES
04	2 x 10	3.05	YES	YES
05	2 x 13	3.05	YES	YES
33	2 x 15	3.05	YES	YES
06	2 x 17	3.05	YES	YES
07	2 x 20	3.05	YES	YES
08	2 x 25	3.05	YES	YES
09	2 x 30	3.05	YES	YES
10	2 x 32	3.05	YES	YES

PLATING :

1 = 0.76μm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
2μm MIN MATTE TIN ON TAIL

2 = 2μm TIN MIN FULL PLATED

3 = 0.38μm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
2μm MIN MATTE TIN ON TAIL

UNDERPLATE : 1.27μm Ni MIN

mat'l. code

ltr	ecn no	dr	date
BC	F08-0137	LMU	08.03.10
BD	F08-0144	YOV	08.04.11
BE	B-19091	LMU	14.10.16
AY	F04-0388	JCO	04.12.22
BA	F06-0229	LMU	06.07.18
BB	F07-0198	LMU	07.05.30

sheet index

revision sheet

surface ISO 1302	tolerance ISO 406 ISO 1101		
tolerances unless otherwise specified			
angles	linear		

	dr	engr	chr	appd
	D.LE	JM.C	JF.N	JM.C
	01.01.24	01.01.24	01.01.24	01.01.24

scale N/A   mm   projection

product family   QUICKIE

title   SHR.LP.HEADER
STR DR TMT

dwg no   75869

type   CUSTOMER Drawing

sheet 2 of —   size A3

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APPLICATION SPECIFIC

PIN STYLE	NUMBER OF POSITIONS	SOLDER TAIL REF	PIN MISSING	LEFT POLARIZATION	RIGHT POLARIZATION
65	2x02	4.10	PIN 2	NO	NO
44	2x03	3.05	PIN 6	NO	NO
40	2x03	3.05	PIN 6	NO	NO
51	2x03	7.60		NO	NO
41	2x04	3.05	PIN 1	NO	NO
55	2x04	3.05	PIN 8	NO	NO
64	2x04	4.10		NO	NO
67	2x05	4.10		NO	YES
59	2x05	3.05	PIN 1,2,9,10	NO	YES
69	2x05	3.05	PIN 8	NO	YES
60	2x05	3.05	PIN 9	NO	YES
37	2x07	3.05	PIN 1	NO	YES
13	2x07	3.05	PIN 3	NO	YES
14	2x07	3.05	PIN 5	NO	YES
46	2x07	3.05	PIN 6	NO	YES
12	2x07	3.05	PIN 7	NO	YES
57	2x07	3.05	PIN 12	NO	YES
11	2x07	3.05	PIN 13	NO	YES
56	2x07	3.05	PIN 14	NO	YES
66	2x07	4.10		NO	YES
43	2x08	3.05	PIN 6 & 7	YES	YES
38	2x10	3.05	PIN 2	YES	YES
34	2x10	3.05	PIN 15	YES	YES
58	2x10	3.05	PIN 18	YES	YES
63	2x10	7.60		YES	YES
35	2x13	3.05	PIN 26	YES	YES
25	2x13	7.60		YES	YES
54	2x15	7.60		YES	YES
19	2x15	4.10		YES	YES
17	2x17	3.05	PIN 3	YES	YES
39	2x17	3.05	PIN 5	YES	YES
68	2x17	4.10		YES	YES
26	2x17	7.60		YES	YES
15	2x20	3.05	PIN 8	YES	YES
16	2x20	3.05	PIN 17	YES	YES
18	2x20	3.05	PIN 20	YES	YES
36	2x20	3.05	PIN 37	YES	YES
45	2x20	3.05	PIN 25,27,28	YES	YES
27	2x20	7.60		YES	YES
42	2x25	3.05	PIN 25	YES	YES
28	2x25	7.60		YES	YES
62	2x25	4.10		YES	YES

*

PLATING :

1 = 0.76µm GOLD/GXT (PdNi WITH GOLD FLASH) ON CONTACT AREA 2µm MIN MATTE TIN ON TAIL

2 = 2µm TIN MIN FULL PLATED

3 = 0.38µm GOLD/GXT (PdNi WITH GOLD FLASH) ON CONTACT AREA 2µm MIN MATTE TIN ON TAIL

UNDERPLATE : 1.27µm Ni MIN

form: A3