PRODUCT NUMBER

75869–YXXLF

- WHEN REQUIRED, ADD SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 5
- PIN STYLE, SEE SHEET 2 & 3.
- PLATING SEE SHEET 2 & 3.

NOTES:

1 – HOUSING MAT'L : GLASS FILLED THERMOPLASTIC. UL94V–0 COLOR: BLUE

2 – PIN MATERIAL : PHOSPHOR BRONZE

3 – PRODUCT PACKAGED IN TUBES.

4 – TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 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.

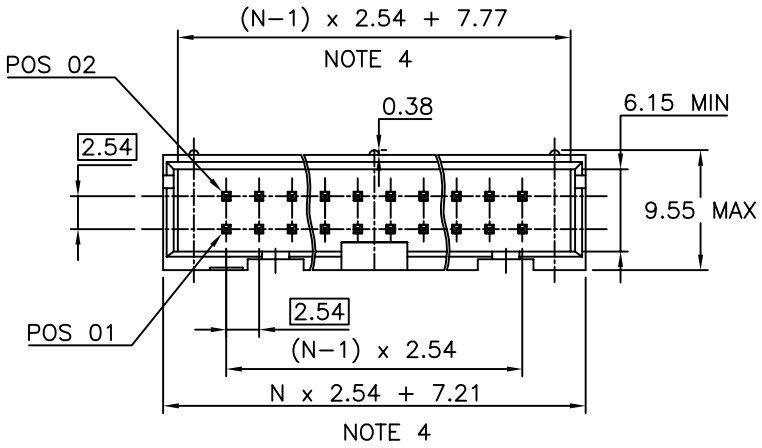
b – MANUFACTURING PROCESS COMPATIBILITY

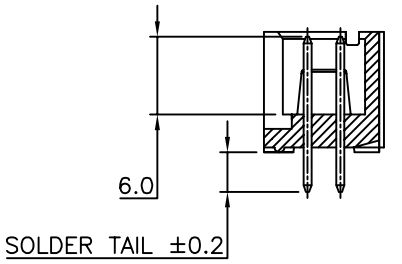
– THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

c – LABELLING:

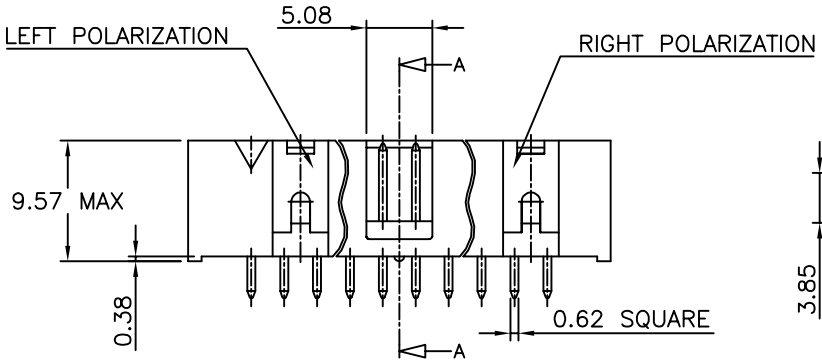
– MEETS PACKAGING SPECS AS PER GS–14–920

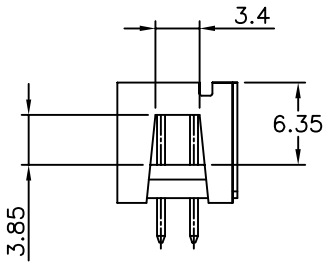
d – LEGAL STATEMENT: SEE GS–22–008

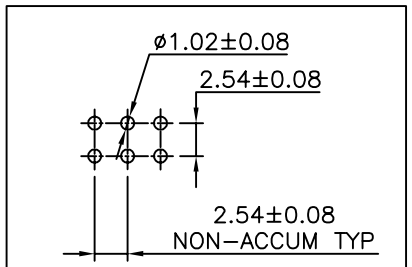



SECTION A–A




RECOMMENDED HOLE PATTERN

| ltr | ecn no | dr | date |
|---|---|---|---|
| AU | F00105 | LMU | 00.01.18 |
| AV | F10120 | DLE | 01.01.24 |
| AW | F10715 | JCO | 01.11.30 |
| AX | F20138 | LMU | 02.02.07 |
| AY | F03080 | LMU | 03.04.04 |
| BA | F04–0167 | JCO | 04.04.05 |
| BB | F04–0389 | JCO | 04.09.16 |

| sheet index | revision | BB | AY |
|---|---|---|---|
| | sheet | 1 | 2 |
| | | B | 3 |

mat'l. code SEE NOTES

tolerances unless otherwise specified: linear .x ±0.3, .xx ±0.13, .xxx ±0.05; angles

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

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projection

mm

scale 2.5:1

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title SHR.LP.HEADER STR DR TMT

product family QUICKIE

code 213

size A3 dwg no 75869

sheet 1 of 3

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PDM: Rev:BB STATUS:Released Printed: Aug 04, 2005

| CORE RANGE | | | | |
|---|---|---|---|---|
| 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 | YES |
| 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 Au ON CONTACT AREA, 3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN.
- WHEN SUFFIX LETTER "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27µm MIN Ni IS PROVIDED INSTEAD OF TIN–LEAD.

| CATALOGUE RANGE | | | | |
|---|---|---|---|---|
| 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 | YES |
| 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 :

- 2 = 3.81µm SnPb OVER 1.27µm Ni MIN
- 3 = 0.38µm GOLD ON CONTACT AREA 3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN
- WHEN SUFFIX LETTER "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27µm MIN Ni IS RPOVIDED INSTEAD OF TIN–LEAD

| mat'l. code | | | | tolerances unless otherwise specified | | | CUSTOMER COPY | FCI ELECTRONICS www.fciconnect.com |
|---|---|---|---|---|---|---|---|---|
| ltr | ecn no | dr | date | | | | | |
| AU | F00105 | LMU | 00.01.18 | linear | | | projection | title SHR.LP.HEADER STR DR TMT |
| AV | F10120 | DLE | 01.01.24 | | | | | |
| AW | F10715 | JCO | 01.11.30 | angles | | | | |
| AX | F20138 | LMU | 02.02.07 | dr | D.LE | 01.01.24 | mm | product family QUICKIE / code 213 |
| AY | F04–0389 | JCO | 04.12.22 | engr | JM.C | 01.01.24 | | size dwg no / sheet 2 of – |
| | | | | chr | JF.N | 01.01.24 | scale N/A | A3 75869 |
| | | | | appd | JM.C | 01.01.24 | | |
| sheet index | revision sheet | | | | | | | |

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PDM: Rev:BB STATUS:Released Printed: Aug 04, 2005

| APPLICATION SPECIFIC | | | | | |
|---|---|---|---|---|---|
| PIN STYLE | NUMBER OF POSITIONS | SOLDER TAIL REF | PIN MISSING | LEFT POLARIZATION | RIGHT POLARIZATION |
| 44 | 2x03 | 3.05 | PIN 2 | 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 |
| 59 | 2x05 | 3.05 | PIN 1,2,9,10 | 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 |
| 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 |
| 35 | 2x13 | 3.05 | PIN 26 | YES | YES |
| 25 | 2x13 | 7.60 | | YES | YES |
| 54 | 2x15 | 7.60 | | YES | YES |
| 19 | 2x15 | 4.1 | | YES | YES |
| 17 | 2x17 | 3.05 | PIN 3 | YES | YES |
| 39 | 2x17 | 3.05 | PIN 5 | 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 |

PLATING :

- 1 = 0.76µm Au ON CONTACT AREA, 3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN.
- 2 = 3.81µm SnPb OVER 1.27µm Ni MIN
- 3 = 0.38µm GOLD ON CONTACT AREA 3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN
- WHEN SUFFIX LETTER "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27µm MIN Ni IS PROVIDED INSTEAD OF TIN-LEAD.

| ltr | ecn no | dr | date |
|---|---|---|---|
| A | F20138 | LMU | 02.02.07 |
| B | F04-0389 | JCO | 04.12.22 |

mat'l. code

tolerances unless otherwise specified

linear

angles

| | | |
|---|---|---|
| dr | MULIN.L | 02.01.29 |
| eng | COMPAGNON.J | 02.01.29 |
| chr | NOTTEAU.JF | 02.01.29 |
| app | M.C | 02.01.29 |

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projection

mm

scale N/A

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title SHR.LP.HEADER STR DR TMT

product family QUICKIE

code 213

size A3 dwg no 75869

sheet 3 of -

sheet index | revision sheet

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