

PRODUCT NUMBER

89898-XXXXHFLF

RoHS COMPATIBLE, SEE NOTE 6

OPTION LETTERS, NOTE 1b, OMIT FROM PRODUCT NUMBER IF NOT APPLICABLE

A=PRODUCT WITH GREY PICK UP CAP IN TAPE & REEL, SEE TA-856.

B=PRODUCT WITH PICK UP CAP PACKED IN TUBE.

G=PRODUCT WITH BLACK PICK UP CAP IN TAPE & REEL, SEE TA-856.

K=PRODUCT WITHOUT PICK UP CAP IN TAPE & REEL, SEE TA-856

NUMBER OF POSITIONS PER ROW: 02 TO 30.  
OVER THAN 30 POSITIONS ON SPECIAL REQUEST.

PLATING CODE

3= 0.76µm GOLD ON CONTACT AREA.

2µm MIN MATTE TIN ON TAIL.

4= 2µm MIN MATTE TIN FULL PLATED

1.27µm Ni MIN UNDERPLATING

NOTES:

1a- HOUSING & PICK UP CAP MAT'L: THERMOPLASTIC GLASS FILLED  
FLAME RETARDANT PER UL 94 V-0 COLOR: GREY.

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

2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.

2 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.

5 UP TO 30 POSITIONS PRODUCT PACKED IN TUBE.

WHOLE 89898-304B PACKED IN TUBE.

4 - TO DETERMINE DIMENSIONS:

N = NUMBER OF POSITIONS PER ROW

EXAMPLE: 8 POS: (Nx2.54)-0.08=20.24 mm.

5 - RECOMMENDED IR PROFILE PER TA842.

6 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

d - PLATING:

- "Lr" 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 PEAK  
TEMPERATURE FOR 30 SECONDS MAX IN A CONVECTION  
INFRARED OR VAPOR PHASE OR REFLOW OVEN.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

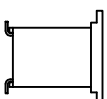
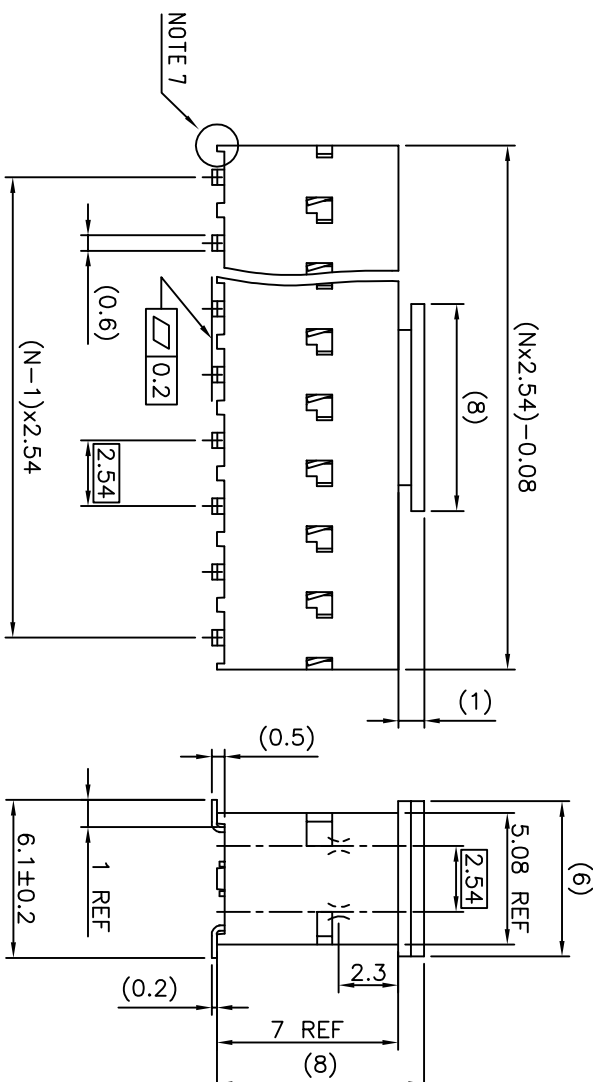
d - LEGAL STATEMENT: SEE GS-47-0004

7 - END STAND-OFFS FOR 2x2 UP TO 2x5 POS

NO END STAND-OFFS FOR 2x6 UP TO 2x50 POS



OPTIONAL PICK UP CAP



CAP ORIENTATION FOR  
2x2 POSITIONS ONLY

| mat'l. code     | SEE NOTE 1 & 2 | surface                               | tolerance        | projection | product family |
|-----------------|----------------|---------------------------------------|------------------|------------|----------------|
| tr ecn no       | dr date        | ISO 1302                              | ISO 406 ISO 1101 | mm         | DUBOX          |
| AE f12-0047 JCO | 12.07.16       | tolerances unless otherwise specified | X ±0.3           |            |                |
| AF B-18748 LMU  | 14.09.04       | linear                                | XX ±0.13         |            |                |
| AG B-19123 LMU  | 14.10.21       | xxx ±0.05                             | scale 5:1        |            |                |
| AB F09-0210 JCO | 09.10.27       | dr P:NI21                             | 95.06.21         |            |                |
| AC f11-0016 JCO | 11.01.31       | engr LM,PHAMVAN                       | 95.06.21         |            |                |
| AD f11-0043 JCO | 12.02.22       | dr P:NI21                             | 95.06.21         |            |                |
| revision        | AG C           | qppd LM,P                             | 95.06.21         |            |                |
| sheet           | 1              | 2                                     |                  |            |                |
| index           | sheet          | 1                                     | 2                |            |                |



SMT  
BtB RECEIPT.

89898

type CUSTOMER Drawing

Sheet 1 of 2

A3



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Form A3

1

2

3

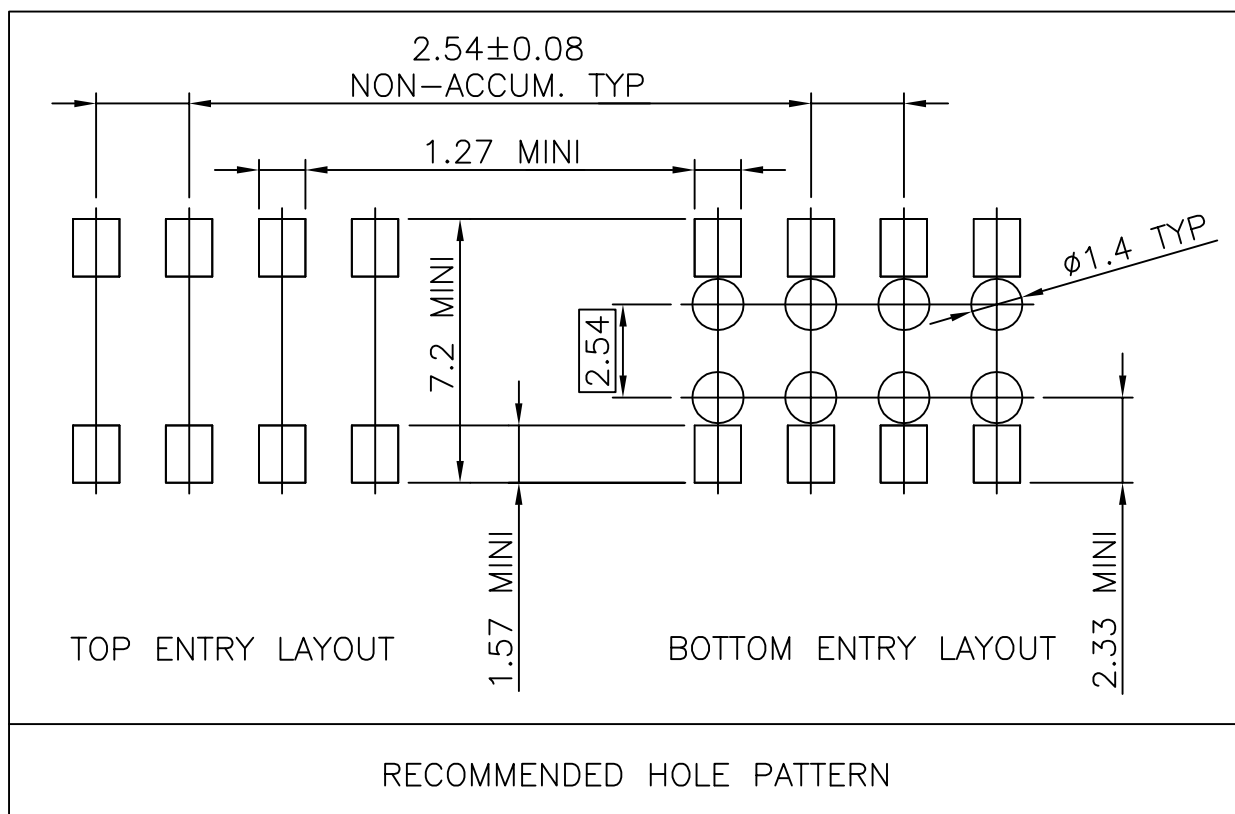
4

5

6

A

A



B

B

C

C

|                               |                |     |          |                                       |                               |                |                                               |  |  |  |
|-------------------------------|----------------|-----|----------|---------------------------------------|-------------------------------|----------------|-----------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTE 1 & 2 |                |     |          | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br> | product family<br>DUBOX                       |  |  |  |
| ltr                           | ecn no         | dr  | date     | tolerances unless otherwise specified |                               | mm<br>         | title<br>SMT<br>BtB RECEPT.                   |  |  |  |
| A                             | F04-0347       | DLE | 04.11.10 | angles                                | linear                        |                |                                               |  |  |  |
| B                             | F06-0204       | DLE | 06.06.23 |                                       |                               |                |                                               |  |  |  |
| C                             | F11-0016       | JCO | 11.01.31 |                                       |                               | scale 5:1      | dwg no<br>89898<br>sheet 2 of -<br>size<br>A4 |  |  |  |
|                               |                |     |          | dr                                    | P.NIZZI                       | 95.06.21       |                                               |  |  |  |
|                               |                |     |          | engr                                  | JM.PHAMVAN                    | 95.06.21       |                                               |  |  |  |
|                               |                |     |          | chr                                   | P.NIZZI                       | 95.06.21       |                                               |  |  |  |
|                               |                |     |          | appd                                  | JM.P                          | 95.06.21       | type<br>CUSTOMER<br>Drawing                   |  |  |  |
| sheet index                   | revision sheet |     |          |                                       |                               |                |                                               |  |  |  |

D

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