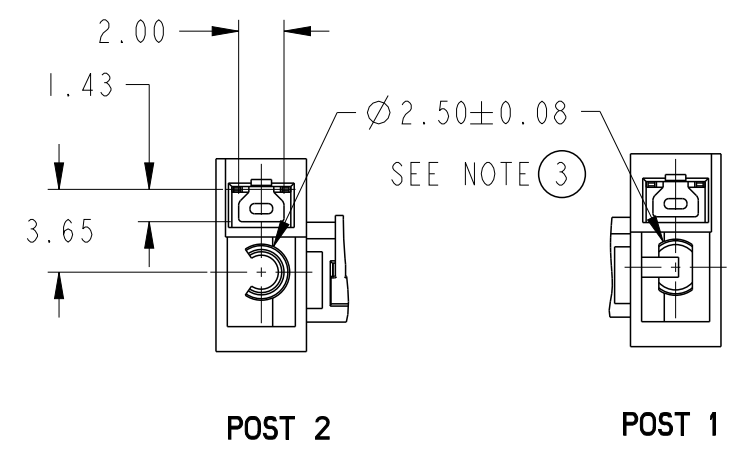
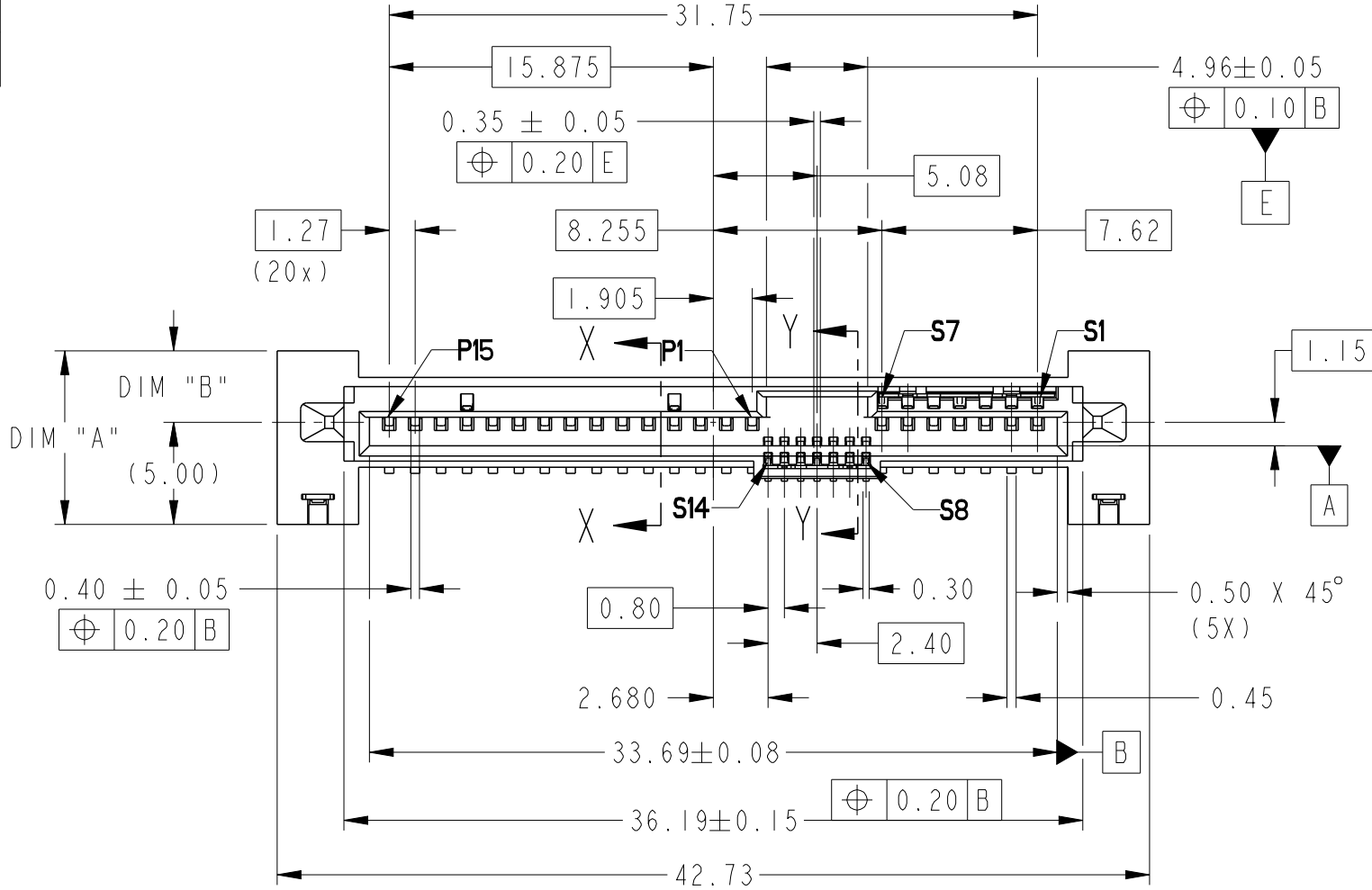


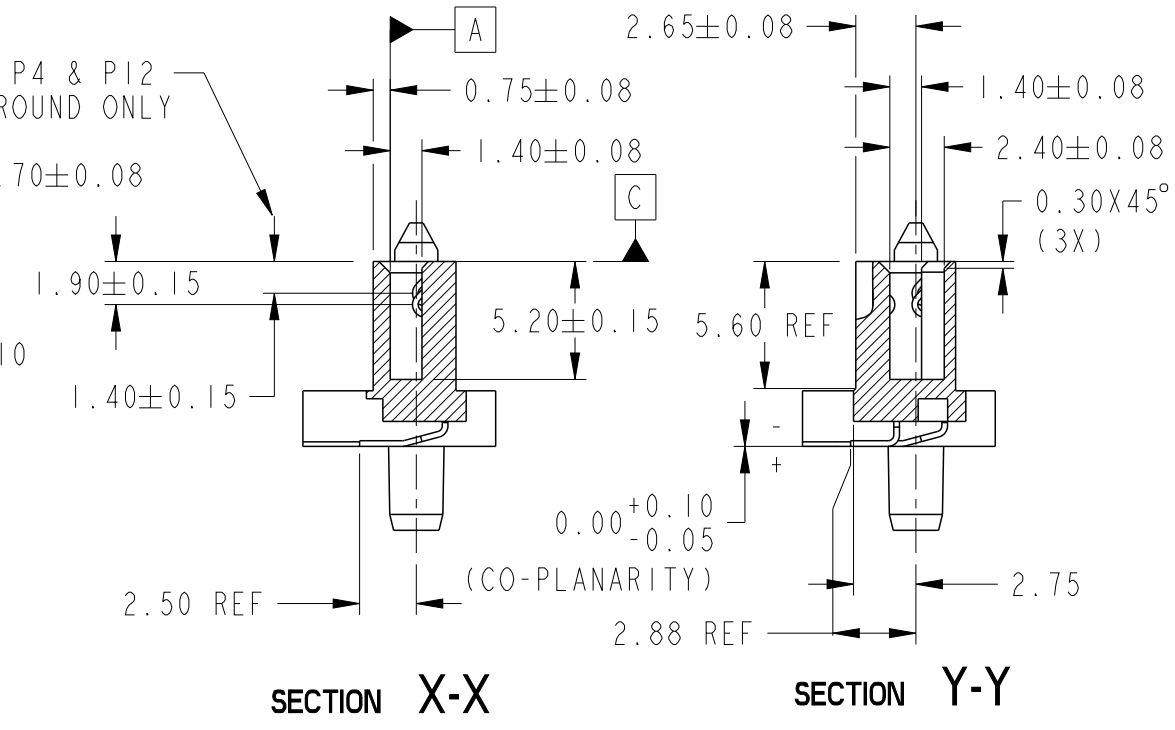
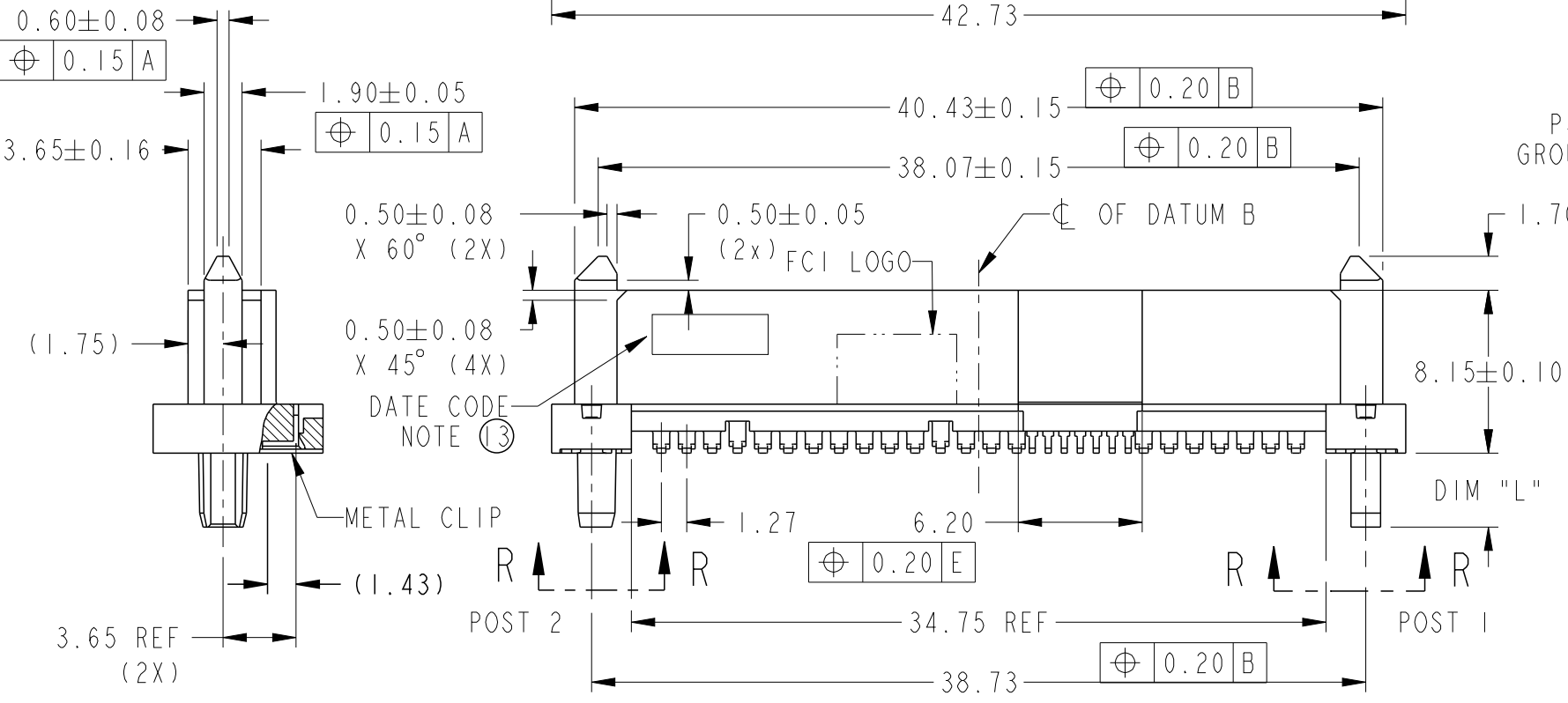
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PRODUCT NUMBER
SEE TABLE



DETAIL R



SECTION X-X

SECTION Y-Y

| | | | | | | | | | | |
|---------------|---------------------|------|---------------|--------------|---|----------|-----------|------------------------|--------------|----------|
| spec ref | - | dr | Guat-Lian Loo | 2013/07/03 | projection | MM | size | A3 | scale | 3:1 |
| tolerance std | ISO 406 ISO 1101 | eng | Noorhazlinda | 2016/06/14 | chr | - | ecn no | ELX-M-24252-2 | rel level | Released |
| surface | linear | appr | Koon-Poh Tay | 2016/06/16 | product family | SAS | rel level | Released | rev | D |
| ISO 1302 | angular | 0° | ±2° | Amphenol FCI | 12G SAS RECEPTACLE WIDE BASE SMT TYPE ASSY | cat. no. | - | Product - Customer Drw | sheet 1 of 3 | |

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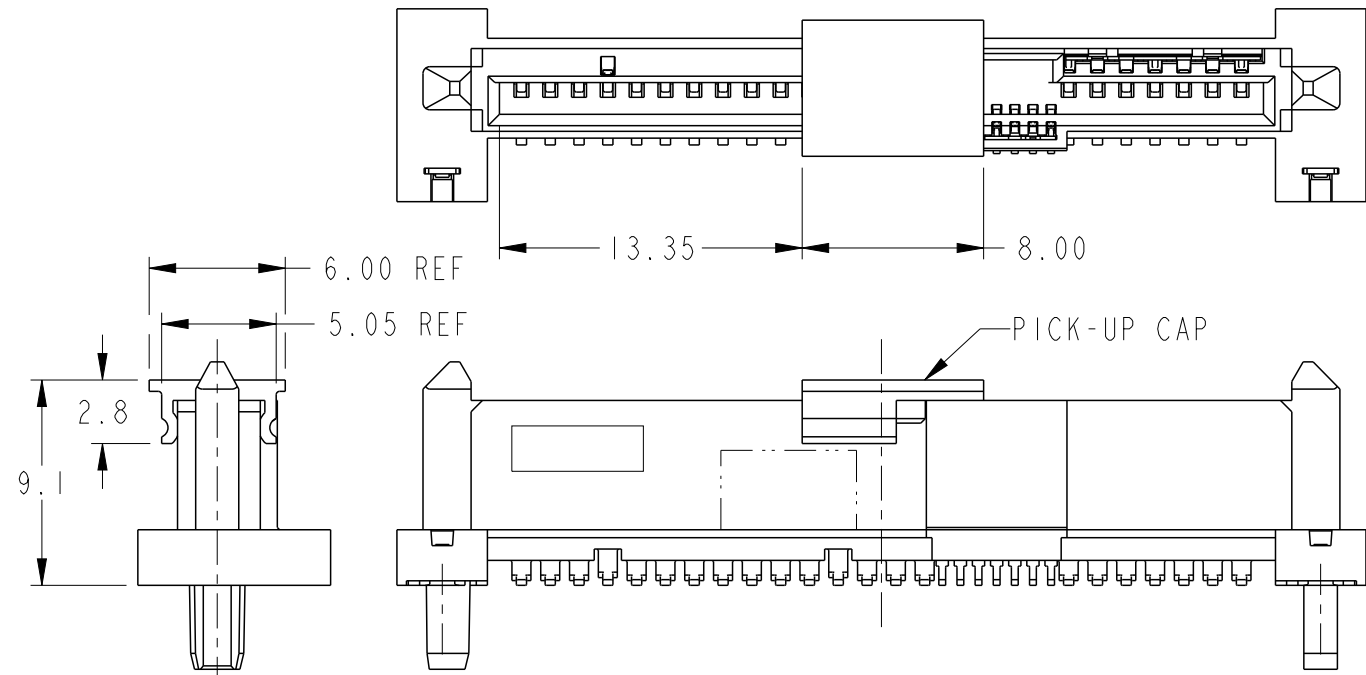
A

B

C

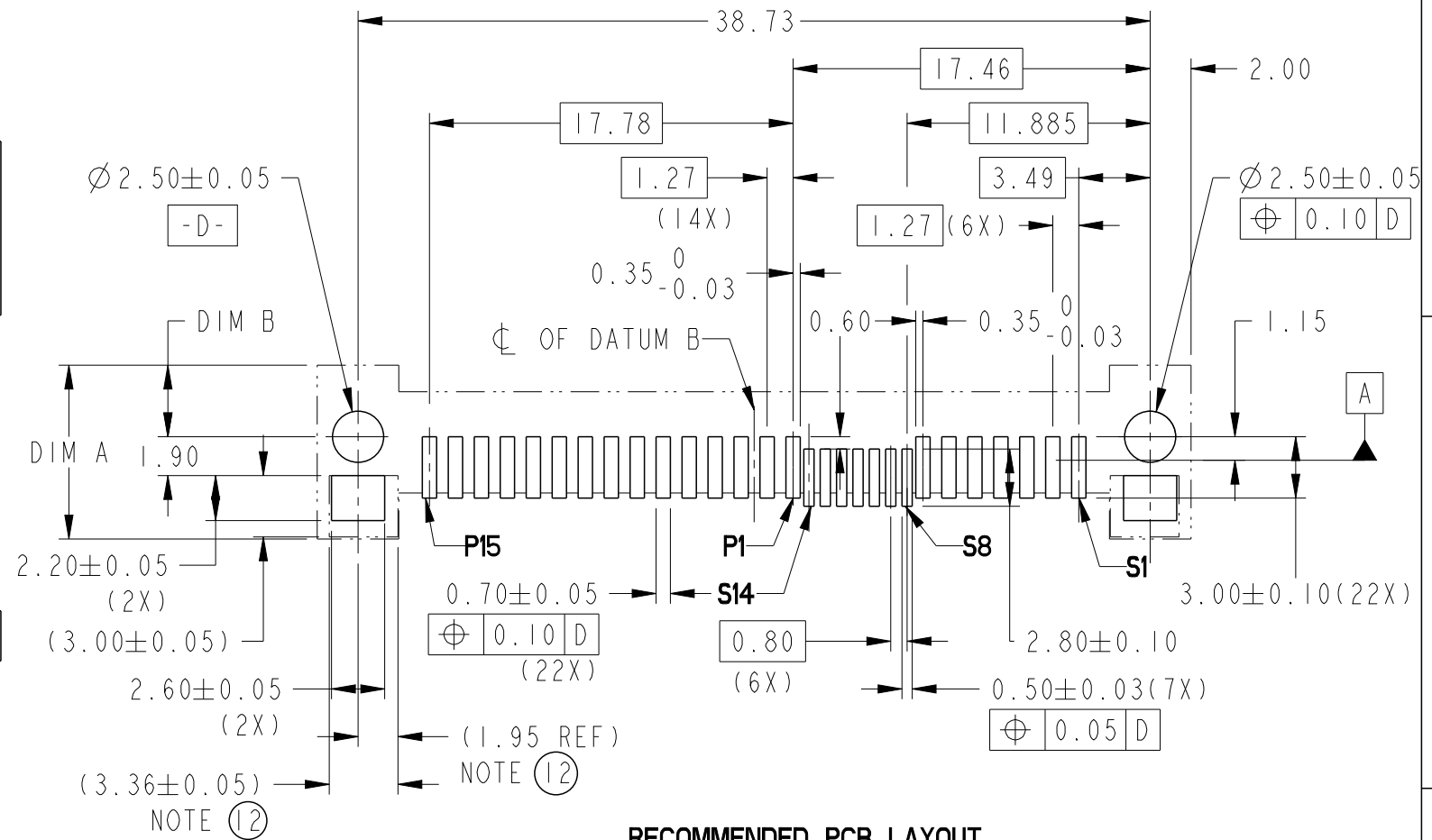
D

| PRODUCT NO | DIM A | DIM B | DIM L | RECOMMENDED P.C. BOARD THICKNESS | PICK-UP CAP | PACKAGING | REMARK |
|--------------------|-------|-------|-------|----------------------------------|-------------|-------------|--------|
| 10122272-001LF | 8.50 | 3.50 | 3.7 | 4.57mm (0.018") | NO | TRAY | -- |
| 10122272-001CLF | | | | | YES | | |
| 10122272-001C-TRLF | | | | | YES | TAPE & REEL | |
| 10122272-002LF | 8.50 | 3.50 | 2.0 | 2.54mm (0.100") | NO | TRAY | -- |
| 10122272-002CLF | | | | | YES | | |
| 10122272-002C-TRLF | | | | | YES | TAPE & REEL | |
| 10122272-003LF | 7.50 | 2.50 | 0.6 | 1.57mm (0.062") | NO | TRAY | -- |
| 10122272-003CLF | | | | | YES | | |
| 10122272-003C-TRLF | | | | | YES | TAPE & REEL | |

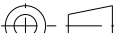



PART WITH PICK-UP CAP, SEE NOTE ⑤


RECOMMENDED SUCTION HEAD SIZE

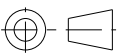
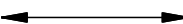


RECOMMENDED PCB LAYOUT
SCALE 3:1

| | | | | | | | | | | | | | | | | | |
|---------------|---------------------------------------|-------|-------|-----------------|---------------|------------|------------|---|---|--------|---------------|--------------|----------|----------|--|-----|---|
| spec ref | | - | | dr | Guat-Lian Loo | 2013/07/03 | projection |  |  | MM | size | A3 | scale | 3:1 | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | Noorhazlinda | 2016/06/14 | | | | ecn no | ELX-M-24252-2 | | | | | | |
| | | | | chr | - | - | | | | | | | | | | | |
| ISO 406 | | | | appr | Koon-Poh Tay | | 2016/06/16 | product family | | | SAS | rel level | Released | | | | |
| surface | linear | 0.X | ± - | Amphenol FCi | title | | | | 12G SAS RECEPTACLE | | | | dwg no | 10122272 | | rev | D |
| | | 0.XX | ±0.20 | | | | | | | | | | | | | | |
| | | 0.XXX | ±0.10 | | | | | | | | | | | | | | |
| ISO 1302 | angular | 0° | ±2° | | cat. no. | | - | Product - Customer Drw | | | | sheet 2 of 3 | | | | | |

PRODUCT NUMBER
SEE TABLE

- NOTES:
- 1. MATERIAL:
 - 1) HOUSING: HIGH TEMP TERMOPLASTIC, UL 94V-0
 - COLOR : BLACK
 - 2) TERMINAL: COPPER ALLOY
 - 3) HOLD DOWN: COPPER ALLOY
 - 2. FINISH:
 - 1) TERMINAL: 30μ" Au PLATING (CONTACT POINT)
 - OVER 50μ" NICKEL
 - 2) SOLDER TAIL: 50μ" MIN Sn OVER 50μ" MIN NICKEL
 - 3) HOLD DOWN: 50μ" MIN Sn OVER 50μ" MIN NICKEL
 - 3. THE DIM. IS MEASURED AT P.C. BOARD SITTING PLANE
 - 4. PER SEF REV 1.3 EXCEPT 0.8mm PITCH BUMP AREA
 - 5. PART WITH PICK-UP CAP, P/N XXXXXXXX-XXXC_LF
 - 6. THE STD PACKAGING IS IN TRAY
 - 7. THE TAPE & REEL PACKAGING, SUFFIX "-TR" ADDED AFTER PRODUCT NUMBER (E.G. XXXXXXXX-XXXC-TRLF)
 - 8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - 9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
 - 10. PART NUMBERS ENDING IN "LF" MEANS FOR NOTE 8 LEAD FREE INDENTIFICATION
 - 11. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
 - 12. THE GROUND PAD SIZES SHOWN IN () IS THE COMPETITOR DESIGN FOR REF.
 - 13. DATE CODE LOCATION. DATE CODE NO.YYWW (E.G.14225).
 - 14. CORING AT NON FUNCTIONAL AREAS ARE SUBJECT TO CHANGE WITHOUT NOTICES.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|---------------------------------------|--|-----|--|---------------|--|---------------|--|------------|--|---|--|---|--|--------|--|---------------|--|--------------|--|----------|--|-----|--|---|--|-------|--|-------|--|
| spec ref - | | | | dr | | Guat-Lian Loo | | 2013/07/03 | | projection | | MM | | size | | A3 | | scale | | 3:1 | | | | | | | | | | | |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | eng | | Noorhazelinda | | 2016/06/14 | |  | |  | | ecn no | | ELX-M-24252-2 | | | | | | | | | | | | | |
| ISO 406 | | | | | | chr | | - | | - | | | | | | | | | | | | | | | | | | | | | |
| ISO 1101 | | | | | | appr | | Koon-Poh Tay | | 2016/06/16 | | product family | | | | | | SAS | | rel level | | Released | | | | | | | | | |
| surface | | linear | | 0.X | | ± - | | Amphenol FCI | | title | | 12G SAS RECEPTACLE | | | | | | dwg no | | 10122272 | | | | rev | | D | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.XX | | ±0.20 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.XXX | | ±0.10 | |
| ISO 1302 | | angular | | 0° | | ±2° | | | | cat. no. | | - | | Product - Customer Drw | | | | | | sheet 3 of 3 | | | | | | | | | | | |

Mouser Electronics

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[FCI / Amphenol:](#)

[10122272-003C-TRLF](#) [10122272-002CLF](#) [10122272-002C-TRLF](#) [10122272-001C-TRLF](#)