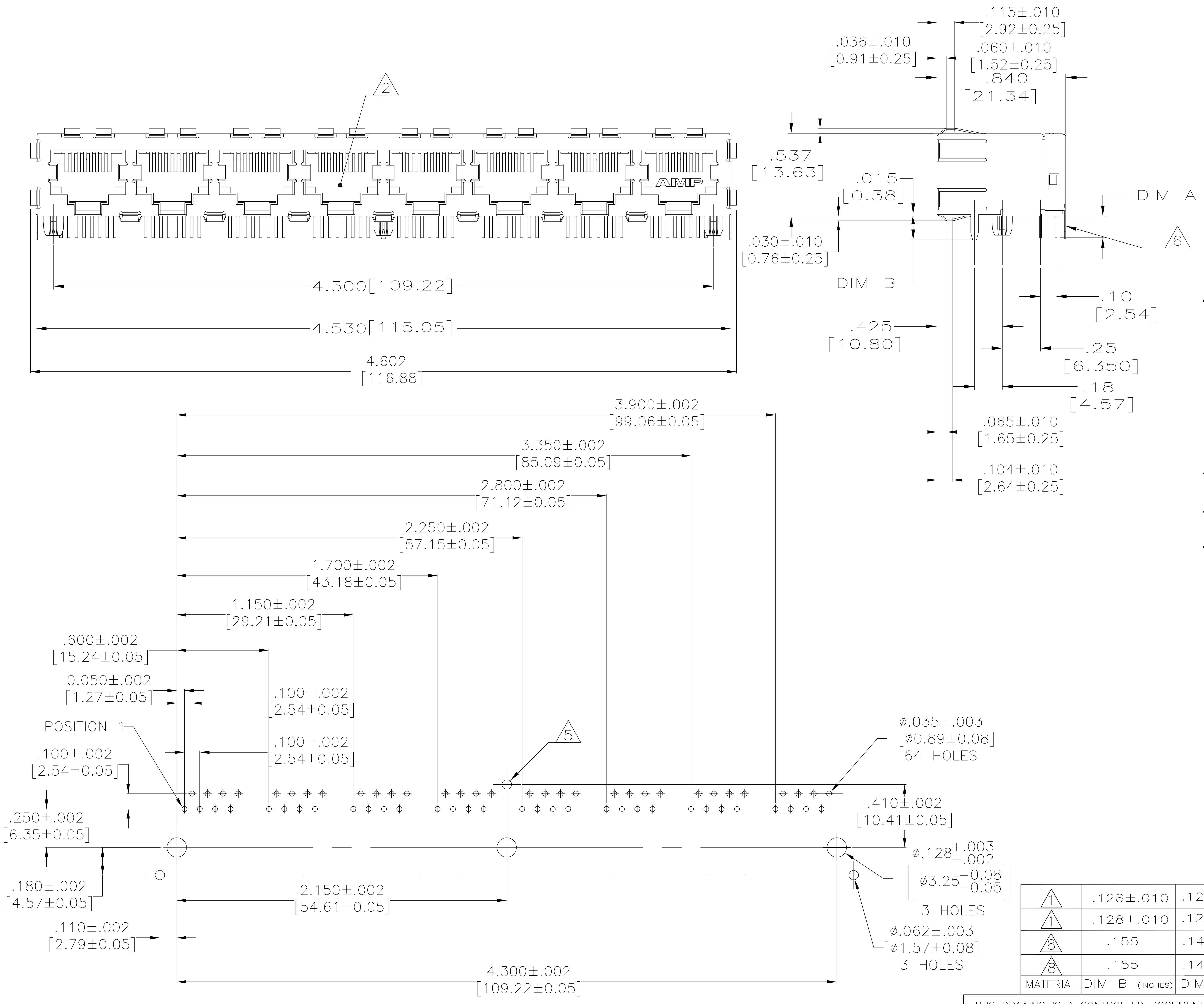
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| REVISIONS | | | | | |
| | F7 | ECR-19-014657 | 13DEC2020 | RR | SZ |



FOR P/N:5406491-1&-2

SUGGESTED PC BOARD LAYOUT
COMPONENT SIDE
SEE APPLICATION SPECIFICATION

1. MATERIAL:
HOUSING - NYLON, COLOR: BLACK, UL94V-0.
OVERMOLDED TERMINAL ARRAY - HTN, BROWN.
TERMINALS-.013 [0.33] THICK PHOS BRONZE PLATED WITH .000050 [1.27μm] THICK HARD GOLD IN LOCALIZED AREA AND .000150 [3.81 μm] MIN THICK MATTE TIN IN SOLDER AREA OVER .000050 [1.27 μm] MIN THICK NICKEL UNDERPLATE
SHIELDS - .010 [0.254] THICK COPPER ALLOY PLATED WITH 1.27 μm [.000050] MINIMUM NICKEL AND 2.03 μm [.000080] MINIMUM HOT TIN DIP ON PCB GROUND TABS.

2. JACK CAVITY COMFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

3. ALL DIMENSIONS SHOWN ARE NOMINAL UNLESS OTHERWISE SPECIFIED.

4. ALL DIMENSIONS SHOWN IN BRACKETS [ ] ARE IN MILLIMETERS.

5. THIS HOLE IS NEEDED FOR -1 AND -3 ONLY.

6. THIS TAB REMOVED ON -2.

7. THE PART IS PRELIMINARY

8. MATERIAL:
HOUSING - NYLON, COLOR: BLACK, UL94V-0.
OVERMOLDED TERMINAL ARRAY - PBT, BROWN.
TERMINALS-.013 [0.33] THICK PHOS BRONZE PLATED WITH .000050 [1.27μm] THICK HARD GOLD IN LOCALIZED AREA AND .000150 [3.81 μm] MIN THICK MATTE TIN IN SOLDER AREA OVER .000050 [1.27 μm] MIN THICK NICKEL UNDERPLATE
SHIELDS - .010 [0.254] THICK COPPER ALLOY PLATED WITH 1.27 μm [.000050] MINIMUM NICKEL AND 2.03 μm [.000080] MINIMUM HOT TIN DIP ON PCB GROUND TABS.

9. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| MATERIAL | DIM B (INCHES) | DIM A (INCHES) | DESCRIPTION | PART NO. |
|---|---|---|---|---|
| 1 | .128±.010 | .128±.010 | WITH REAR PC BOARD GROUND TAB | 5406491-5 |
| 1 | .128±.010 | .128±.010 | WITH REAR PC BOARD GROUND TAB | 5406491-4 7 |
| 8 | .155 | .140±.015 | WITHOUT REAR PC BOARD GROUND TAB | ~~5406491-2~~ 9 |
| 8 | .155 | .140±.015 | WITH REAR PC BOARD GROUND TAB | 5406491-1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | |
|---|---|
| DIMENSIONS: | mm |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.01(0.254)<br>3 PLC ± 0.005(0.127)<br>4 PLC ± -<br>ANGLES ± - |
| MATERIAL | - |
| FINISH | - |
| DWN | - 13DEC2020 |
| CHK | Denny Zhu 14APR2009 |
| APVD | Steven Yao 14APR2009 |
| PRODUCT SPEC | 108-1163-2 |
| APPLICATION SPEC | 114-2048 |
| WEIGHT | 0 |

TE Connectivity

NAME
MODULAR JACK, PANEL GROUND, 8P, RIGHT ANGLE
SHIELDED, CAT 5e
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A2 | 00779 | C-5406491 | - |

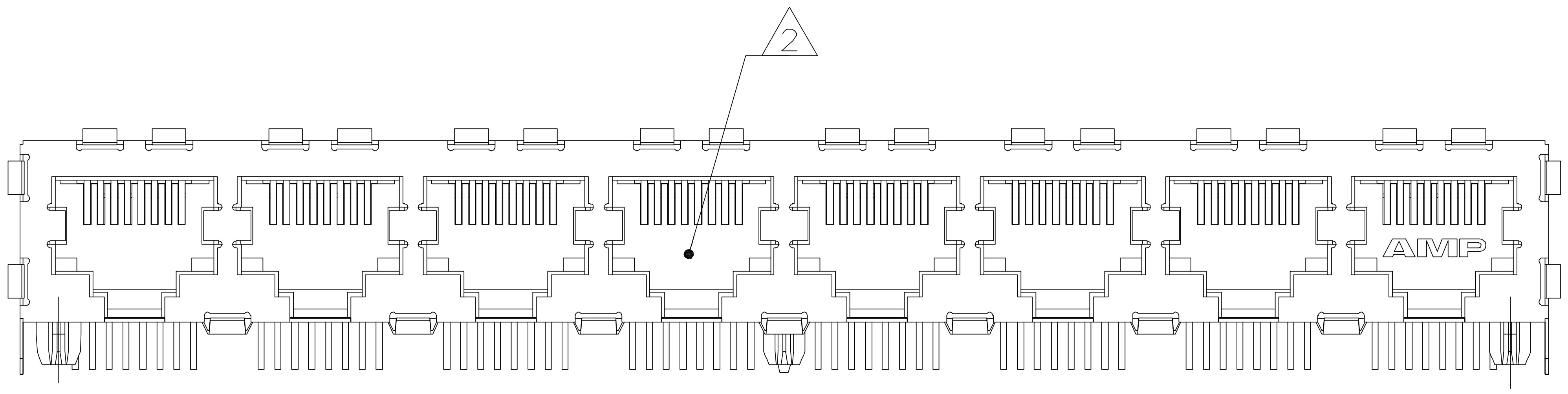
CUSTOMER DRAWING

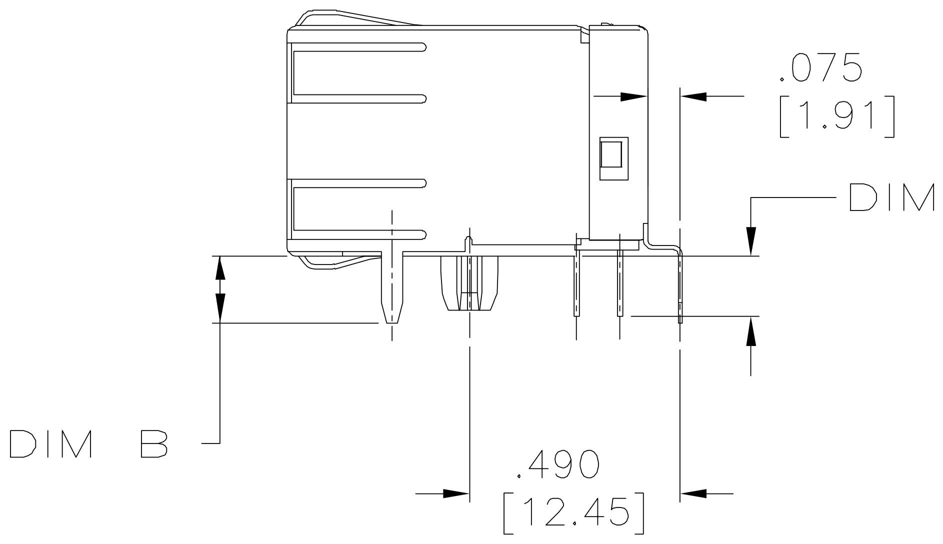
| SCALE | SHEET | REV |
|---|---|---|
| 1:1 | 1 OF 2 | F7 |

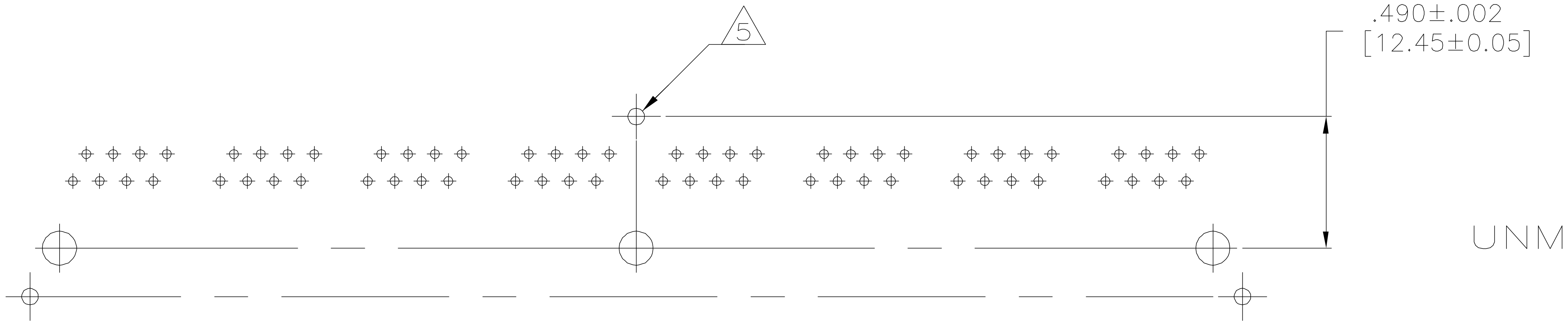
5406491

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | – | SEE SHEET 1 | – | – | – |







UNMARKED DIMENSIONS SAME AS P/N:5406491–1

FOR P/N:5406491–4;–5

SUGGESTED PC BOARD LAYOUT
COMPONENT SIDE
SEE APPLICATION SPECIFICATION

5406491

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN – 13DEC2020
CHK – –
APVD – –
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME
MODULAR JACK, PANEL GROUND, 8P, RIGHT ANGLE
SHEILDED, CAT 5e
–

SIZE A2
CAGE CODE 00779
DRAWING NO C–5406491
RESTRICTED TO –

CUSTOMER DRAWING
SCALE 1:1
SHEET 2 OF 2
REV F7