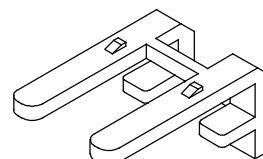
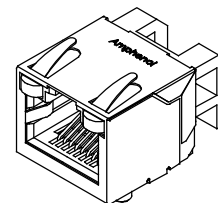


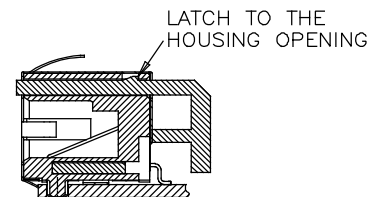
### RECOMMENDED PANEL CUTOUT



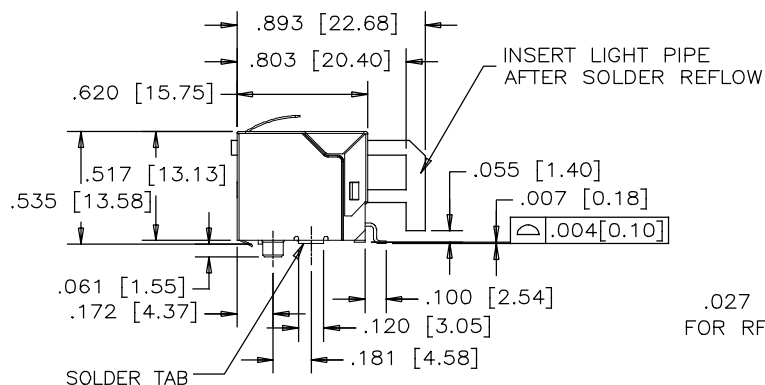
LIGHT PIPE



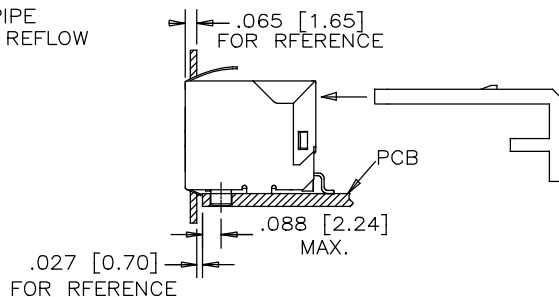
## FINISH CONNECTOR



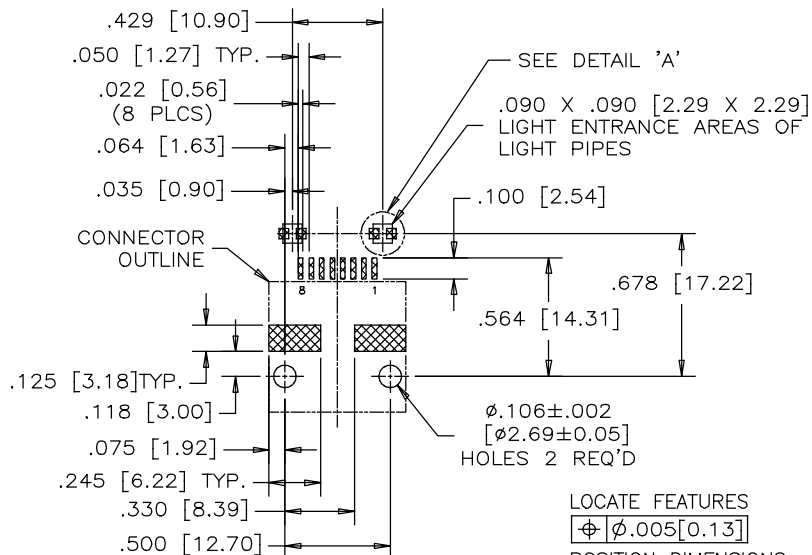
LATCH TO THE  
HOUSING OPENING



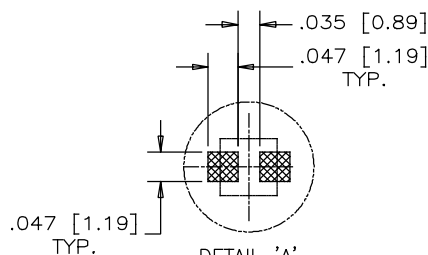
SIDE VIEW



AFTER SOLDER REFLOW, LOAD LIGHT PIPE THROUGH THE CONNECTOR REAR ACCESS IN THE DIRECTION AS SHOWN



RECOMMENDED P.C.B. LAYOUT  
(COMPONENT SIDE OF BOARD)



DETAIL 'A'  
(ENLARGED)  
SMT LED SOLDER PAD  
(SMT LED TO BE PROVIDED  
BY THE CUSTOMER)

MATERIALS:  
PLASTIC HOUSING: ENGINEERING THERMOPLASTIC  
FLAMMABILITY RATING UL 94V-0

CONTACTS: PHOSPHOR BRONZE  
PLATING: 20 μ" [1.27 MICRONS]  
MIN. GOLD ON MATING SURFACES.  
50 μ" [1.27 MICRONS]  
MIN. NICKEL UNDERPLATE.  
100 μ" [2.54 MICRONS]  
MIN. MATTE TIN ON CONTACT

TAILS.

SHIELD: COPPER ALLOY  
PLATING: NICKEL

LIGHT PIPE: CLEAR POLYCARBONATE  
FLAMMABILITY RATING UL 94V-0

PART NUMBER: RJSSE-5381-01T

| SYMBOL |      | REVISIONS                                   |  | DATE       |  | APPRD  |  |
|--------|------|---------------------------------------------|--|------------|--|--------|--|
| SYM    | ZONE | ECN, ERN NO.                                |  | DATE       |  | APPRD  |  |
| A      |      | PROPOSAL                                    |  | 2005/04/08 |  | L.CHAN |  |
| B      |      | CORRECT DIMENSION AND<br>PACKAGING QUANTITY |  | 2016/01/18 |  | L.CHAN |  |
| C      |      | PROPOSAL                                    |  | FEB27/2020 |  | L.CHAN |  |

|                       |                                  |  |                       |  |                                                                                                                        |  |                  |  |              |  |
|-----------------------|----------------------------------|--|-----------------------|--|------------------------------------------------------------------------------------------------------------------------|--|------------------|--|--------------|--|
| MATERIAL<br><br>----- | DRAWN L.DENG                     |  | DATE<br>05/04/08      |  | Amphenol Canada Corp.                                                                                                  |  |                  |  |              |  |
|                       | DESIGNED L.DENG                  |  | 05/04/08              |  |                                                                                                                        |  |                  |  |              |  |
|                       | CHECKED                          |  |                       |  |                                                                                                                        |  |                  |  |              |  |
|                       | I. E. APPRD.                     |  |                       |  | TITLE<br>SINGLE PORT, SURFACE MOUNT RJ45<br>8 POSITION, 8 CONTACTS, SHIELDED<br>WITH LIGHT PIPE, TAPE & REEL PACKAGING |  |                  |  |              |  |
|                       | Q. A. APPRD.                     |  |                       |  |                                                                                                                        |  |                  |  |              |  |
| DWG. APPRD.           |                                  |  |                       |  |                                                                                                                        |  |                  |  |              |  |
| FINISH<br><br>-----   | ENG. REL. NO.                    |  |                       |  | DWG                                                                                                                    |  | DRAWING NO.      |  | REV          |  |
|                       | REF.                             |  |                       |  | C                                                                                                                      |  | P-RJSSE-5381-01T |  | C            |  |
|                       | DIMENSIONS ARE IN<br>INCHES [mm] |  | CODE ID. NO.<br>03554 |  | SCALE 2:1                                                                                                              |  | WT. -----        |  | SURF. -----  |  |
|                       |                                  |  |                       |  |                                                                                                                        |  |                  |  | SHEET 1 OF 1 |  |
|                       |                                  |  |                       |  |                                                                                                                        |  |                  |  |              |  |

| REVISIONS |      |                                          |            |        |
|-----------|------|------------------------------------------|------------|--------|
| SYM       | ZONE | ECN, ERN NO.                             | DATE       | APPRD. |
| A         |      | PROPOSAL                                 | 2005/04/08 | L.CHAN |
| B         |      | CORRECT DIMENSION AND PACKAGING QUANTITY | 2016/01/18 | L.CHAN |
| C         |      | PROPOSAL                                 | FEB27/2020 | L.CHAN |

.728±.004  
[18.5±0.1]

.0157±.002  
[0.40±0.05]

.067 [1.7]

.059 [1.5]

1.260 [32.00]

.079 [2.0]

.059 [1.50]

1.732  
[44.00]

.157 [4.0]



.138 [3.50]  
TYP.

.087 [2.20]  
TYP.

ø.512 [ø13.00]

ø3.937 [ø100.00]

ø12.992 [ø330.00]

#### PACKAGING NOTES:

1. ONE REEL SHOULD HOLD 100 CONNECTORS.
2. 10 EMPTY CAVITIES FOR BOTH TOP AND BOTTOM OF THE CARRIER.
3. A FULLY LOADED CARTON SHOULD CONTAIN 5 REELS (500 PCS) OF CONNECTOR.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

|          |                   |              |          |                                                                                                                        |              |
|----------|-------------------|--------------|----------|------------------------------------------------------------------------------------------------------------------------|--------------|
| MATERIAL | DRAWN             | L.DENG       | DATE     | Amphenol Canada Corp.                                                                                                  |              |
|          | DESIGNED          | L.DENG       | 05/04/08 |                                                                                                                        |              |
| FINISH   | CHECKED           |              |          | TITLE<br>SINGLE PORT, SURFACE MOUNT RJ45<br>8 POSITION, 8 CONTACTS, SHIELDED<br>WITH LIGHT PIPE, TAPE & REEL PACKAGING |              |
|          | I. E. APPRD.      |              |          |                                                                                                                        |              |
|          | Q. A. APPRD.      |              |          |                                                                                                                        |              |
|          | DWG. APPRD.       |              |          |                                                                                                                        |              |
|          | ENG. REL. NO.     |              |          |                                                                                                                        |              |
|          | REF.              | EAR# 12663   |          |                                                                                                                        |              |
|          | DIMENSIONS ARE IN | CODE ID. NO. |          | DWG                                                                                                                    | REV.         |
|          | INCHES [mm]       | 03554        |          | C                                                                                                                      | C            |
|          | SCALE             |              |          | WT.                                                                                                                    | SURF.        |
|          |                   |              |          |                                                                                                                        |              |
|          |                   |              |          |                                                                                                                        | SHEET 2 OF 2 |