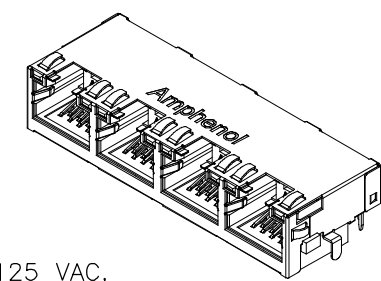


| REVISIONS |                  |              |        |
|-----------|------------------|--------------|--------|
| REV       | ECN, ERN NO.     | DATE         | APPRD. |
| A         | PROPOSAL DRAWING | FEB. 22,2012 | L.CHAN |
| B         | PROPOSAL DRAWING | MAR. 08,2012 | L.CHAN |



**NOTES:**  
**ELECTRICAL:**

- VOLTAGE RATING : 125 VAC.
- CURRENT RATING : 1.25 AMP.
- INSULATING RESISTANCE : 500 MEGOHMS MINIMUM.
- DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
- CATEGORY 5E CHARACTERISTIC:

Frequency Near-End Crosstalk Return Loss Attenuation

| MHz   | dB, MIN. | dB, MIN. | dB, MAX. |
|-------|----------|----------|----------|
| 1.0   | 65       | 30       | 0.1      |
| 4.0   | 65       | 30       | 0.1      |
| 8.0   | 64.9     | 30       | 0.1      |
| 10.0  | 63       | 30       | 0.1      |
| 16.0  | 58.9     | 30       | 0.2      |
| 20.0  | 57       | 30       | 0.2      |
| 25.0  | 55       | 30       | 0.2      |
| 31.25 | 53.1     | 30       | 0.2      |
| 62.5  | 47.1     | 24.1     | 0.3      |
| 100.0 | 43       | 20       | 0.4      |

**MECHANICAL:**

- SHIELD : STAINLESS STEEL, WITH TIN-DIP ON SOLDER TABS.
- HOUSING : HIGH TEMP THERMOPLASTIC. UL 94V-0.
- INSERT : HIGH TEMP THERMOPLASTIC UL 94V-0.
- PCB : FR-4.
- CONTACT : PHOSPHOR BRONZE.  
SELECTIVE GOLD PLATING FOR MATING SURFACE, SEE AMPHENOL PART NUMBER FOR DETAIL.  
50u" NICKEL UNDERPLATE  
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

**ENVIRONMENTAL:**

- STORAGE : -40° TO +85°.
  - OPERATION : -40° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.  
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE 260° FOR 10 SECOND.

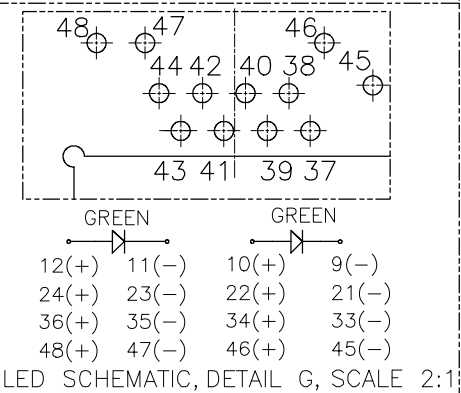
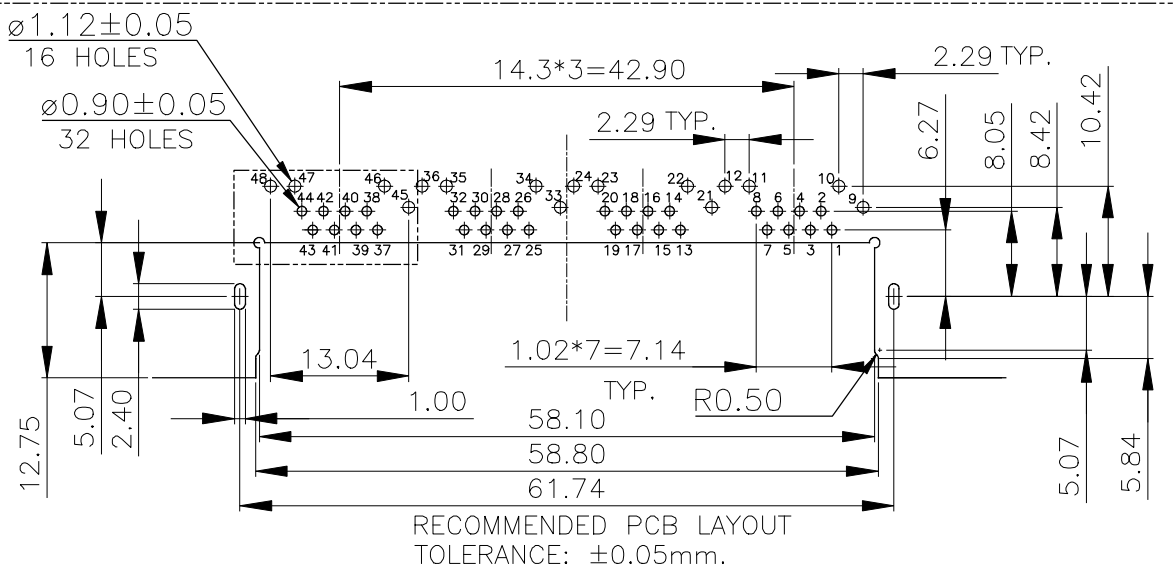
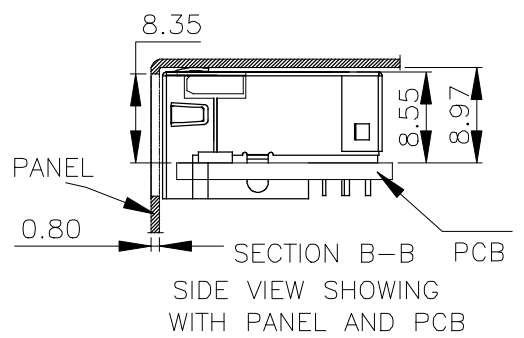
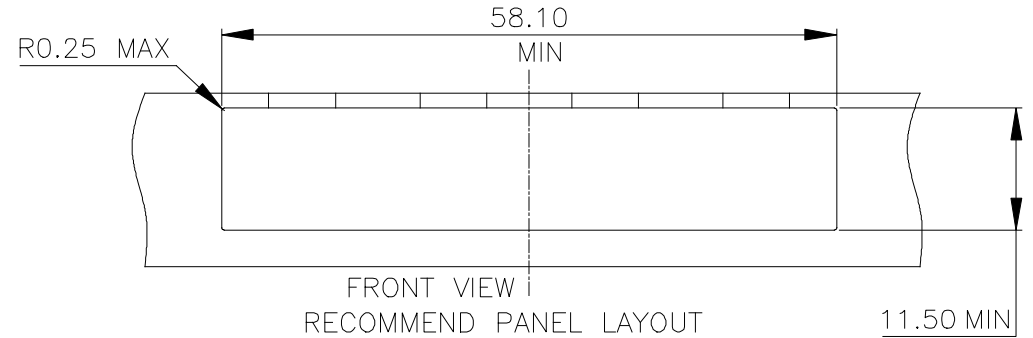
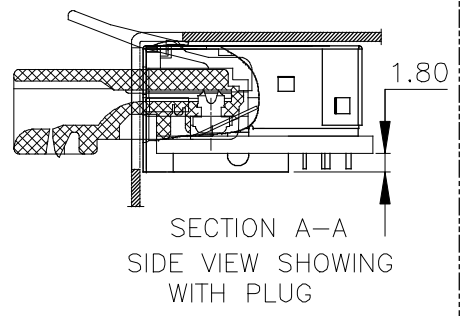
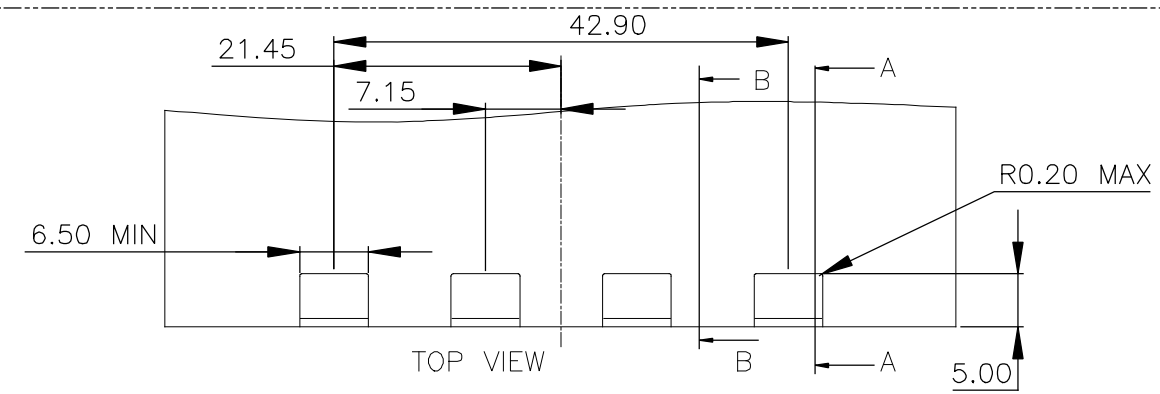
AMPHENOL PART NUMBER: RJE72-488-1XXX

GOLD PLATING OPTION \_\_\_\_\_ REFER TO LED OPTIONS (SEE BELOW TABLE 1) FOR ORDERING CODES

- 1=6u" GOLD PLATING
- 2=15u" GOLD PLATING
- 3=30u" GOLD PLATING
- 4=50u" GOLD PLATING

TABLE 1

|               |       |                         |
|---------------|-------|-------------------------|
| RJE724881XX1  | 3.18  | 2.36                    |
| RJE724881XX2  | 2.27  | 1.57                    |
| RJE724881XX3  | 2.16  | 1.57                    |
| AMPHENOL P/N: | DIM A | RECOMMEND PCB THICKNESS |



UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN mm TOLERANCE ARE :

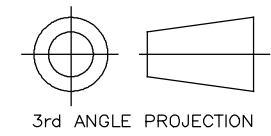
| FRACTION | DECIMALS | ANGLES     |
|----------|----------|------------|
| .X       | ±0.50    | .° ±3.0°   |
| .XX      | ±0.30    | .X° ±2.0°  |
| .XXX     | ±0.10    | .XX° ±1.0° |

|                   |              |      |             |
|-------------------|--------------|------|-------------|
| DRAWN             | HUGH WANG    | DATE | FEB 22,2012 |
| DESIGNED          | HUGH WANG    | DATE | FEB 22,2012 |
| CHECKED           | L.CHAN       | DATE | FEB 22,2012 |
| I. E. APPRD.      |              |      |             |
| Q. A. APPRD.      |              |      |             |
| DWG. APPRD.       | ADRIAN.G     | DATE | FEB 22,2012 |
| ENG. REL. NO.     |              |      |             |
| REF.              |              |      |             |
| DIMENSIONS ARE IN | CODE ID. NO. |      |             |
| mm                | 03554        |      |             |

**Amphenol Canada Corp.**

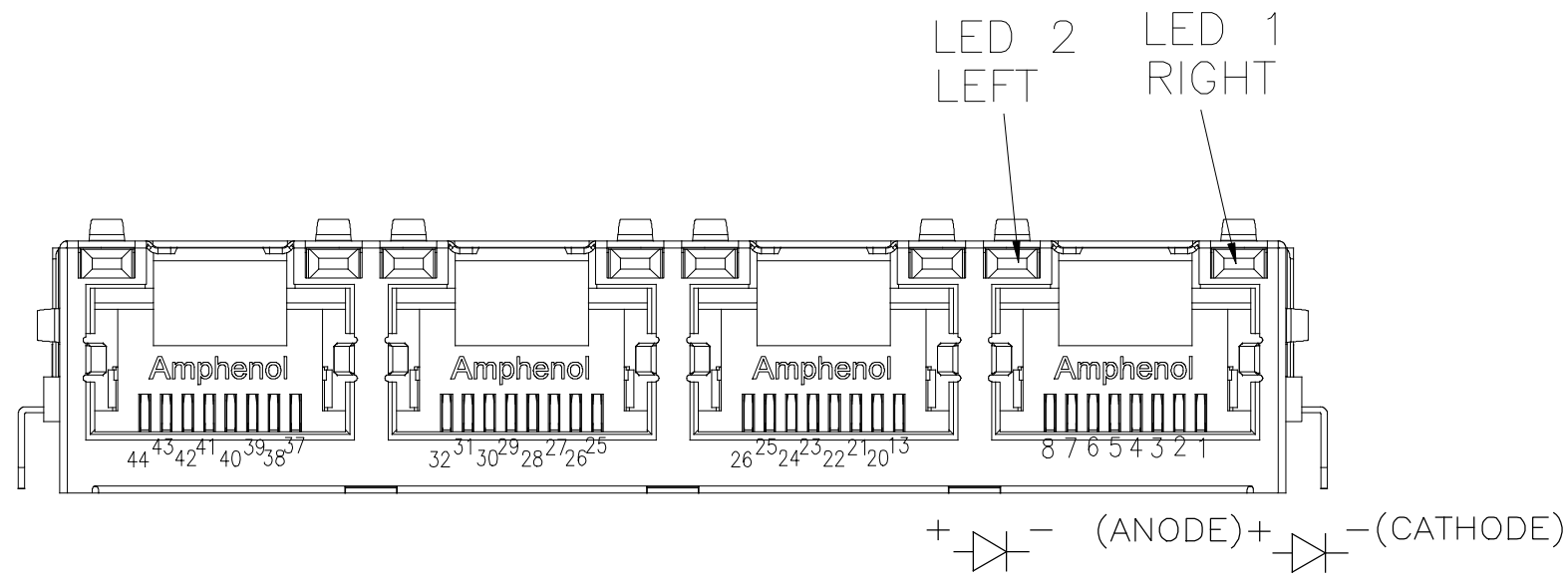
TITLE  
MODULAR JACK, 1X4 PORTS, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH LED, SINK PCB TYPE, TAB UP, CAT5E

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|                   |                  |                                    |
|-------------------|------------------|------------------------------------|
| DWG               | DRAWING NO.      | REV.                               |
| C                 | P-RJE72-488-1XXX | B                                  |
| DIMENSIONS ARE IN | CODE ID. NO.     |                                    |
| mm                | 03554            |                                    |
| SCALE             | 4/1              | WT. ----- SURF. ----- SHEET 1 OF 1 |

| REVISIONS |                  |              |        |
|-----------|------------------|--------------|--------|
| REV       | ECN, ERN NO.     | DATE         | APPRD. |
| A         | PROPOSAL DRAWING | FEB. 22,2012 | L.CHAN |



TYPICAL FOR SINGLE & MULTI-PORT

LED SPECIFICATIONS:  
 FORWARD VOLTAGE: 2.1 VOLTS TYP.  
 REVERSE VOLTAGE: 5.0 VOLTS MIN.  
 LUMINOUS INTENSITY: 0.5 mCd MIN.  
 (AT If=2mA)  
 STORAGE TEMPERATURE: -40° TO 85° C  
 LEAD SOLDERING TEMPERATURE: 260° C  
 (5 SEC, 1/16" FROM CASE)  
 PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

EXAMPLE:

PART NUMBER RJE72-488-1XXX



PRIMARY COLOR FOR BI-COLOR LEDS IN STANDARD ANODE/CATHODE CONFIGURATION IS:  
 RED-GREEN= RED  
 RED-YELLOW= RED  
 GREEN-YELLOW= GREEN  
 GREEN-ORANGE= GREEN

| CODE | LED 2 (LEFT) | LED 1 (RIGHT) | CODE | LED 2 (LEFT) | LED 1 (RIGHT) | CODE | LED 2 (LEFT) | LED 1 (RIGHT) |
|------|--------------|---------------|------|--------------|---------------|------|--------------|---------------|
| 0    | BLOCKED      | BLOCKED       | 9    | GREEN        | BLOCKED       | J    | BiC RD/GR    | YELLOW        |
| 1    | YELLOW       | GREEN         | A    | BiC GR/YE    | BiC GR/YE     | K    | YELLOW       | BiC GR/OR     |
| 2    | BLOCKED      | GREEN         | B    | BiC RD/GR    | BiC RD/GR     | L    | BiC GR/YE    | RED           |
| 3    | YELLOW       | BLOCKED       | C    | BiC RD/GR    | BiC GR/YE     | M    | RED          | YELLOW        |
| 4    | GREEN        | YELLOW        | D    | GREEN        | BiC GR/YE     | P    | GREEN        | BiC RD/GR     |
| 5    | GREEN        | GREEN         | E    | YELLOW       | BiC GR/YE     | R    | BiC GR/OR    | GREEN         |
| 6    | YELLOW       | YELLOW        | F    | BiC GR/YE    | YELLOW        | T    | RED          | RED           |
| 7    | RED          | GREEN         | G    | BiC GR/OR    | BiC GR/OR     | V    | BiC RD/GR    | GREEN         |
| 8    | GREEN        | RED           | H    | BiC GR/YE    | GREEN         |      |              |               |

LEGEND

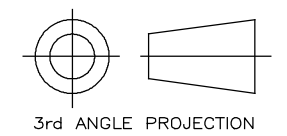
BiC=BI-COLOR LED  
 LOWC=LOW CURRENT LED  
 YE=YELLOW  
 GR=GREEN  
 RD=RED  
 OR=ORANGE

NOTE:

THE TWO DIGITS PRECEDING THE ADDITIONAL LED CODE MUST BE USED IN THE PART NUMBER, WHEN ORDERING ANY OF THE ADDITIONAL LED OPTIONS.

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|   |                      |                    |
|---|----------------------|--------------------|
| UNLESS OTHERWISE SOECIFIED DIMENSION ARE IN mm TOLERANCE ARE : FRACTION DECIMALS ANGLES<br>.X ±0.50    X' ±3.0°<br>.XX ±0.30    .X' ±2.0°<br>.XXX ±0.10    .XX' ±1.0° | DRAWN HUGH WANG      | DATE FEB 22,2012   |
|   | DESIGNED HUGH WANG   | FEB 22,2012        |
|   | CHECKED L.CHAN       | FEB 22,2012        |
|   | I. E. APPRD.         |                    |
|   | Q. A. APPRD.         |                    |
|   | DWG. APPRD. ADRIAN.G | FEB 22,2012        |
|   | ENG. REL. NO.        |                    |
|   | REF.                 |                    |
|   | DIMENSIONS ARE IN mm | CODE ID. NO. 03554 |



|   |                          |             |              |
|---|--------------------------|-------------|--------------|
| Amphenol Canada Corp.   |                          |             |              |
| TITLE<br>LED OPTIONS FOR RJE72, SINGLE OR MULTI-PORT CONNECTORS |                          |             |              |
| DWG C   | DRAWING NO. P-RJE72-LEDs | REV. A      |              |
| SCALE 4/1   | WT. -----                | SURF. ----- | SHEET 1 OF 1 |