NOTES:
1. RJ45: HOUSING: HIGH TEMPERATURE THERMOPLASTIC FLAMMABILITY RATING UL 94V-0, COLOR: BLACK CONTACTS: PHOSPHOR BRONZE, PLATING: SELECTIVE GOLD PLATING ON THE MATING AREA, 50µ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE WITH 100µ" MATTE TIN PLATING ON THE TAILS, SHIELD: STAINLESS STEEL WITH TIN FINISHED PCB TAILS, RJ45 PORT CAPABLE OF SUPPORTING 1000BASE-T or 2.5GBASE-T.

CATEGORY 5e PERFORMANCE:

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<tr>
<th>FREQUENCY MHZ</th>
<th>NEAR-END CROSS TALK dB, MIN.</th>
<th>RETURN LOSS dB, MIN.</th>
<th>INSERTION LOSS dB, MAX.</th>
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<td>65</td>
<td>30</td>
<td>0.1</td>
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<td>58.9</td>
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GOLD PLATING OPTION
1 = 6µ" GOLD PLATING
2 = 15µ" GOLD PLATING
3 = 30µ" GOLD PLATING
4 = 50µ" GOLD PLATING

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

Amphenol Part Number: RJE4E-188-1XX1

-. TYPE C HOUSING: HIGH TEMPERATURE THERMOPLASTIC FLAMMABILITY RATING UL 94V-0, COLOR: BLACK CONTACTS: PHOSPHOR BRONZE PLATING: SELECTIVE GOLD PLATING ON THE MATING AREA, 50µ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE WITH 100µ" MATTE TIN PLATING ON THE TAILS, SHIELD: STAINLESS STEEL WITH TIN FINISHED PCB TAILS.

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Refer to LED options drawing for ordering codes.
### LED Schematic

**For Single Color - Green**
- 9 or 11 (+)
- 10 or 12 (-)

**For Bi-Color - (Green, Yellow or Red)**
- 9 or 11 (+)
- 10 or 12 (-)

**Locate Holes**
- Positions dimensions are basic

**Recommended P.C.B. Layout**
- Component side to board tolerance: 0.05
- Recommended P.C.B. thickness: 3.0MM
- Pad ring width: 0.10MM

**Panel Cut-Out**
- A1, A12, B1, B12

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**RJ45 (CAT5e) Over USB Type C Modular Jack, 8P8C, Shielded with Top and Side Tabs, with LED, Suitable for Reflow Process, ESD Tray Package - RoHS Compliant**

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**Amphenol Canada Corp.**

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**Tolerances**
- 1 Decimal Place ±0.038
- 2 Decimal Places ±0.025
- 3 Decimal Places ±0.013
- Decimal Places ±0.13
- Angular Tolerances ±1°
**EXAMPLE:**

PART NUMBER: RJE4E-188-1XX1

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<tr>
<th>CODE</th>
<th>LED 2 (LEFT)</th>
<th>LED 1 (RIGHT)</th>
<th>CODE</th>
<th>LED 2 (LEFT)</th>
<th>LED 1 (RIGHT)</th>
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<td>ADDITIONAL</td>
<td>OPTIONS</td>
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</tbody>
</table>

**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

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

**LEGEND**

BIC=BI-COLOR LED
LOWC=LOW CURRENT LED
YE=YELOW
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.
P/N: RJE4E-188-1XX1
Q'TY: 60
DATE: MM/DD/YY
RoHS

AMPHENOL CANADA CORP.
MADE IN CHINA

CONNECTOR IS PLACED INTO TRAYS WITH PRESSFIT TAILS DOWN

BOTTOM TRAY

NOTES:
PACKING QUANTITY
1. 60PCS PER TRAY
2. 14 PCS TRAYS PER CARTON
840 PCS CONNECTORS PER CARTON

Amphenol Corporation

SCALE 2:1