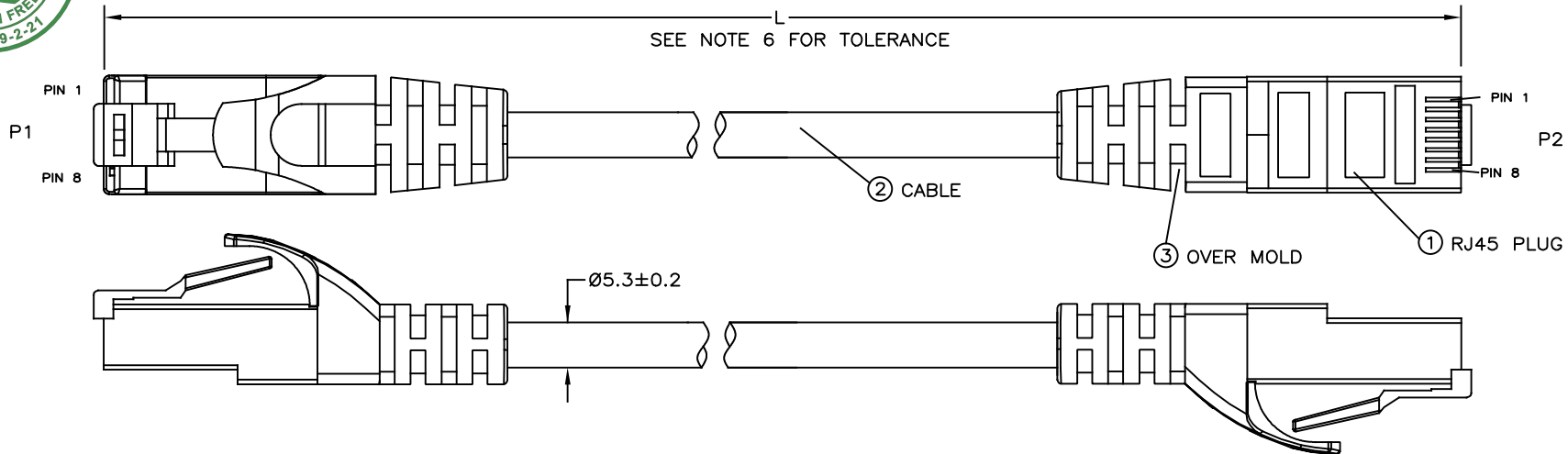




| REVISIONS |                            |          |       |
|-----------|----------------------------|----------|-------|
| REV       | DESCRIPTION, ECN, EAR NO.  | DATE     | APP'D |
| A         | INITIAL RELEASE(EAR 17157) | APR22/26 | E.Q   |
| B         | ADD HALOGEN FREE LOGO      | JUL16/26 | E.Q   |



#### NOTES:

- MATERIALS:**  
PART 1) RJ45 PLUG  
HOUSING: ENGINEERING THERMOPLASTIC, PC, TRANSPARENT, FLAMMABILITY RATING UL94 V-0.  
CONTACTS: BRASS  
PLATING: SELECTIVE GOLD ON MATING SURFACES.  
50μ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE.  
SHELL: BRASS WITH NICKEL PLATED  
PART 2) CAT6 S/FTP CABLE:  
JACKET: LSZH, OUTER DIAMETER: 5.3MM  
CONDUCTORS: STRANDED BARE COPPER, 30AWG(7/0.10)\*4P  
PART 3) OVER MOLD: TPE

- ELECTRICAL DATA AT 20°C**  
CONDUCTION RESISTANCE:  $L \leq 3M$ , 3 Ohm MAX;  
5< $L \leq 8M$ , 5 Ohm MAX;  
8< $L \leq 15M$ , 8 Ohm MAX;  
15< $L \leq 25M$ , 11 Ohm MAX;  
INSULATION RESISTANCE: 100M Ohm  
DIELECTRIC WITHSTANDING VOLTAGE: 300VDC

- SIGNAL**  
100% PERFORMANCE TEST  
CAT6 CHANNEL REQUIREMENTS

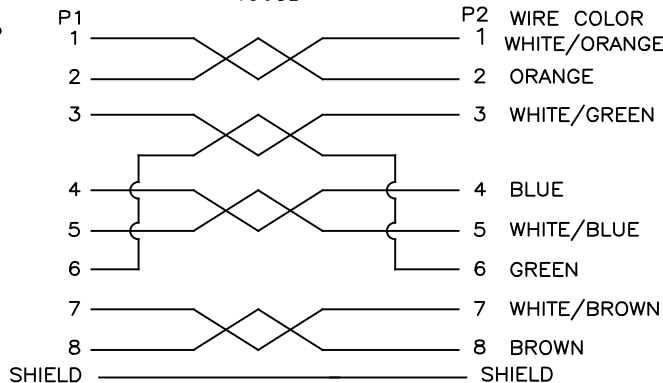
- OPERATING TEMPERATURE:** -40°C TO 85°C

- PLUG MECHANICAL AND DIMENSIONS CONFORM TO TIA 1096.**

- TOLERANCE OF CABLE LENGTH:**  
 $L \leq 0.3M$ , +25MM/-0; 0.3< $L \leq 1.5M$ , +50MM/-0;  
1.5< $L \leq 3.0M$ , +100MM/-0; 3.0< $L \leq 7.5M$ , +150MM/-0;  
 $L > 7.5M$ , +5%/-0



PIN ASSIGNMENT  
T568B



ORDERING CODE: RJE1Y-2X XXX64-4X03-HF

COLOR CODE:  
1 = WHITE  
2 = BLACK  
3 = GRAY  
4 = GREEN  
6 = BLUE

CONTACT & GOLD PLATING CODE:  
1=8P8C, GOLD FLASH; 2=8P8C, 8u"  
3=8P8C, 30u"; 4=8P8C, 50u"

LENGTH CODE:

| CABLE LENGTH (DIM L)                 |                                |
|--------------------------------------|--------------------------------|
| 200 TO 999                           | LENGTH IN MM                   |
| A00 TO A99                           | 1 METER + 00 TO 99 CENTIMETERS |
| B00 TO B99                           | 2 METER + 00 TO 99 CENTIMETERS |
| C00 TO C99                           | 3 METER + 00 TO 99 CENTIMETERS |
| D00 TO D99                           | 4 METER + 00 TO 99 CENTIMETERS |
| E00 TO E99                           | 5 METER + 00 TO 99 CENTIMETERS |
| F00 TO F99                           | 6 METER + 00 TO 99 CENTIMETERS |
| G00 TO G99                           | 7 METER + 00 TO 99 CENTIMETERS |
| H00 TO H99                           | 8 METER + 00 TO 99 CENTIMETERS |
| J00 TO J99                           | 9 METER + 00 TO 99 CENTIMETERS |
| K00 TO K99                           | 10 METER + 00 TO 99 DECIMETERS |
| L00 TO L99                           | 20 METER + 00 TO 99 DECIMETERS |
| M00 TO M99                           | 30 METER + 00 TO 99 METERS     |
| CABLE LENGTH ORDERING CODE EXAMPLES: |                                |
| 75CM=750, 6.3M=F30, 25M=L50, 80M=M50 |                                |

| UNLESS SPECIFIED OTHERWISE | DRAWN                   | R.MAI | APR22/26 |
|----------------------------|-------------------------|-------|----------|
| PRIMARY UNITS MILLIMETERS  | CHECKED                 | E.QU  | APR22/26 |
| SECONDARY                  | M.E. APP'D              |       |          |
| REFERENCE IN PARENTHESES   | Q.A. APP'D              |       |          |
| GENERAL TOLERANCES FOR MM  | DWG APP'D               |       |          |
| 1 DECIMAL PLACE ±2.0       | ENG. REL. NO. EAR 17157 |       |          |
| 2 DECIMAL PLACES           | REF.                    |       |          |
| 3 DECIMAL PLACES           | THIRD ANGLE PROJECTION  |       |          |
| ANGULAR DEGREE             | DO NOT SCALE DRAWING    |       |          |

| Amphenol Canada Corp.<br>Commercial Products                                                       |            |       |                  |
|----------------------------------------------------------------------------------------------------|------------|-------|------------------|
| RJ45 OVERMOLDED CAT6 S/FTP,<br>30AWG LSZH CABLE, BOTH END PLUGED,<br>RoHS & HALOGEN FREE COMPLIANT |            |       |                  |
| DWG NO. P-RJE1Y-2XXXX64-4X03-HF                                                                    |            |       | REV B            |
| CODE ID NO.                                                                                        | DWG SIZE/A | SCALE | FIT SHEET 1 OF 2 |

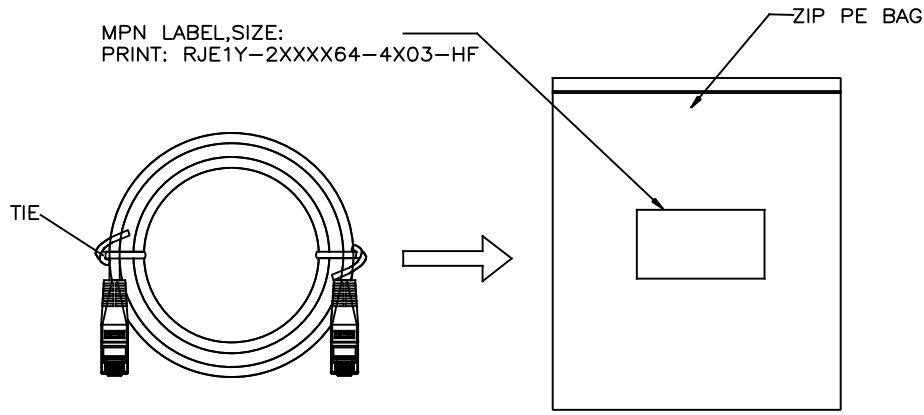


FIGURE 1

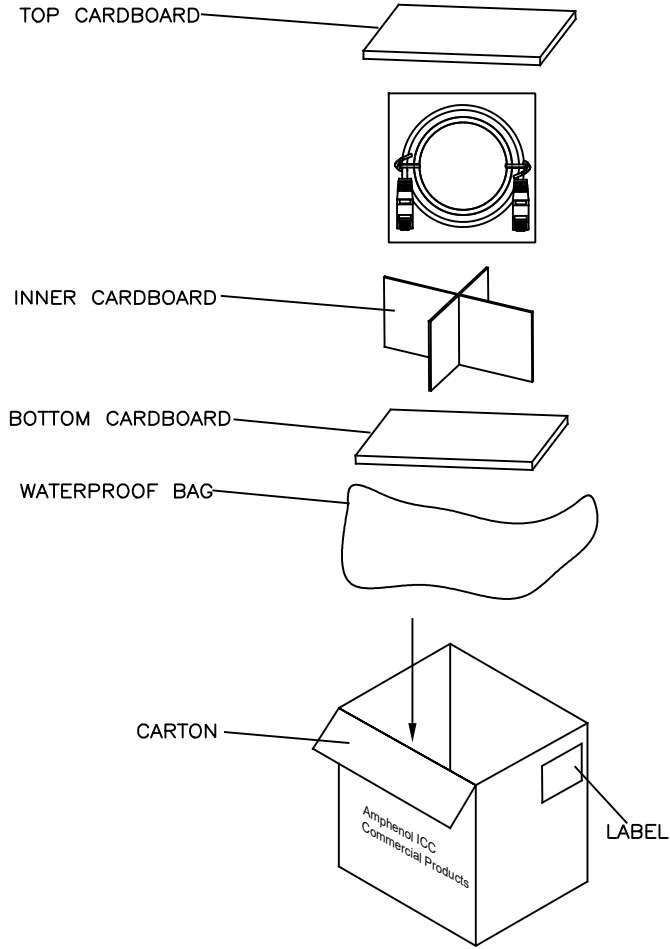


FIGURE 2  
CARTON PACKAGING REFERENCE

NOTES:

1. PACKING CABLE WITH TWO TIES, THEN PUT IT INTO POLYBAG AND SEALING IT, EACH BAG CONTAINS ONE CABLE(FIGURE 1).
2. SEE FIGURE 2 FOR PACKING DETAILS, LOADING QUANTITY VARIANCE WITH DIFFERENT CABLE LENGTH.
3. CLOSE, SEAL AND MARK CARTON WITH PART NUMBER AND QUANTITY. ADD BAR CODE LABEL WHEN APPLICABLE.

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| REVIEWS |                            |          |       |
|---------|----------------------------|----------|-------|
| REV     | DESCRIPTION, ECN, EAR NO.  | DATE     | APP'D |
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|                            |      |                         |       |          |                                                                                                    |  |  |
|----------------------------|------|-------------------------|-------|----------|----------------------------------------------------------------------------------------------------|--|--|
| UNLESS SPECIFIED OTHERWISE |      | DRAWN                   | R.MAI | APR22/26 | Amphenol Canada Corp.<br>Commercial Products                                                       |  |  |
| PRIMARY UNITS MILLIMETERS  |      | CHECKED                 | E.QU  | APR22/26 |                                                                                                    |  |  |
| SECONDARY                  |      | M.E. APP'D              |       |          | RJ45 OVERMOLDED CAT6 S/FTP,<br>30AWG LSZH CABLE, BOTH END PLUGED,<br>RoHS & HALOGEN FREE COMPLIANT |  |  |
| REFERENCE IN PARENTHESES   |      | Q.A. APP'D              |       |          |                                                                                                    |  |  |
| GENERAL TOLERANCES FOR MM  |      | DWG APP'D               |       |          | DWG NO.<br>P-RJE1Y-2XXXX64-4X03-HF                                                                 |  |  |
| 1 DECIMAL PLACE            | ±2.0 | ENG. REL. NO. EAR 17157 |       |          |                                                                                                    |  |  |
| 2 DECIMAL PLACES           |      | REF.                    |       |          | REV<br>B                                                                                           |  |  |
| 3 DECIMAL PLACES           |      | THIRD ANGLE PROJECTION  |       |          |                                                                                                    |  |  |
| ANGULAR DEGREE             |      | DO NOT SCALE DRAWING    |       |          | CODE ID NO. DWG SIZE/A SCALE FIT SHEET 2 OF 2                                                      |  |  |