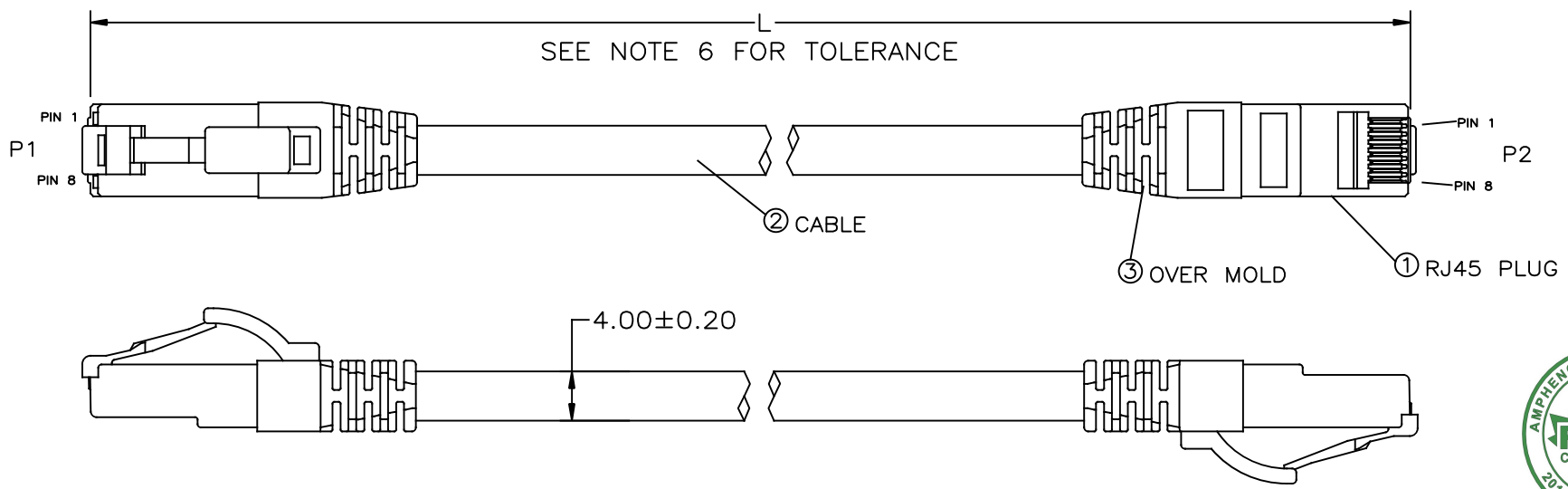


| REVISIONS | | | |
|-----------|---------------------------|----------|-------|
| REV | DESCRIPTION, ECN, EAR NO. | DATE | APP'D |
| A | PROPOSAL DRAWING | NOV04/23 | K.T |
| | | | |
| | | | |



NOTES:

1. MATERIALS:
 PART 1) RJ45 PLUG
 PLASTIC HOUSING: ENGINEERING THERMOPLASTIC, TRANSPARENT

CONTACTS:BRASS
 PLATING: SELECTIVE GOLD ON MATING SURFACES.
 50µ "[1.27 MICRONS] MIN. NICKEL UNDERPLATE.

PART 2) CAT6 U/UTP CABLE:
 JACKET: PVC, OUTER DIAMETER: 4.00mm,
 CONDUCTORS: BARE COPPER, 28AWG(7/0.127)*4P.
 PART 3) OVER MOLD: PVC

2. ELECTRICAL
 INSULATION RESISTANCE: 100M OHM
 WITHSTANDING VOLTAGE: 300V DC
 CONDUCTION RESISTANCE: L≤5M, 2 OHM MAX;
 5<L≤15M, 3 OHM MAX;
 15<L≤35M, 5 OHM MAX;
 35<L≤60M, 10 OHM MAX;
 OPEN/SHORT TEST: 100% TEST

3. SIGNAL
 100% PERFORMANCE TEST
 CAT6 CHANNEL REQUIREMENTS

4. OPERATING TEMPERATURE: -20°C TO 75°C

5. PLUG MECHANICAL AND DIMENSIONS CONFORM TO TIA 1096.

6. TOLERANCE OF CABLE LENGTH:
 L≤0.3M, +25MM/-0; 0.3<L≤1.5M, +50MM/-0;
 1.5<L≤3.0M, +100MM/-0; 3.0<L≤7.5M, +150MM/-0;
 L>7.5M, +5%/-0

ORDERING CODE: RJE1Y-2X XXXC4-2X01

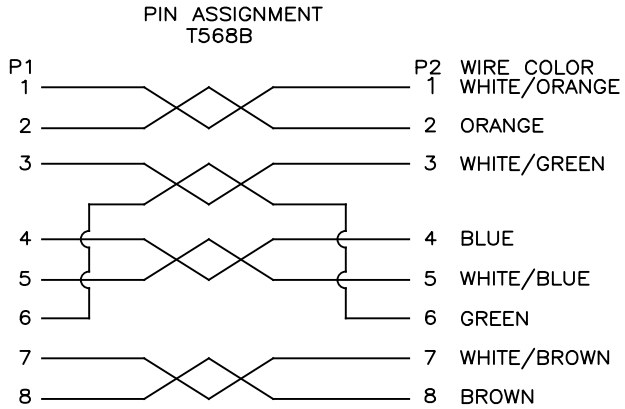
COLOR CODE:

| | |
|---------|----------|
| 1=WHITE | 5=YELLOW |
| 2=BLACK | 6=BLUE |
| 3=GREY | 7=PURPLE |
| 4=GREEN | 8=RED |

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

LENGTH CODE:

| LENGTH IN MM | 200 TO 999 |
|--|------------|
| 1 METER + 00 TO 99 CENTIMETERS | A00 TO A99 |
| 2 METER + 00 TO 99 CENTIMETERS | B00 TO B99 |
| 3 METER + 00 TO 99 CENTIMETERS | C00 TO C99 |
| 4 METER + 00 TO 9 CENTIMETERS | D00 TO D99 |
| 5 METER + 00 TO 99 CENTIMETERS | E00 TO E99 |
| 6 METER + 00 TO 99 CENTIMETERS | F00 TO F99 |
| 7 METER + 00 TO 99 CENTIMETERS | G00 TO G99 |
| 8 METER + 00 TO 99 CENTIMETERS | H00 TO H99 |
| 9 METER + 00 TO 99 CENTIMETERS | J00 TO J99 |
| 10 METER + 00 TO 99 DECIMETERS | K00 TO K99 |
| 20 METER + 00 TO 99 DECIMETERS | L00 TO L99 |
| 30 METER + 00 TO 99 METERS | M00 TO M99 |
| CABLE LENGTH ORDERING CODE EXAMPLES: 75CM=F50, 6.3M=F30, 25M=L50, 80M=M50 | |



| | | | |
|----------------------------|------------------------|-----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN | JAMISON.C | NOV04/23 |
| PRIMARY UNITS MILLIMETERS | CHECKED | K.TANG | NOV04/23 |
| 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. | | |
| 2 DECIMAL PLACES | REF. | | |
| 3 DECIMAL PLACES | THIRD ANGLE PROJECTION | | |
| AUGULAR DEGREE | DO NOT SCALE DRAWING | | |

Amphenol Canada Corp.
 Commercial Products

RJ45 OVERMOLDED CAT6 UTP CABLE ASSEMBLY,
 OD 4.00MM, RoHS COMPLIANT

DWG NO. P-RJE1Y-2XXXXC4-2X01

CODE ID NO. 03554 | DWG SIZE/A | SCALE FIT | SHEET 1 OF 2

| REV | | DESCRIPTION, ECN, EAR NO. | DATE | APP'D |
|-----|--|---------------------------|----------|-------|
| A | | PROPOSAL DRAWING | NOV04/23 | K.T |
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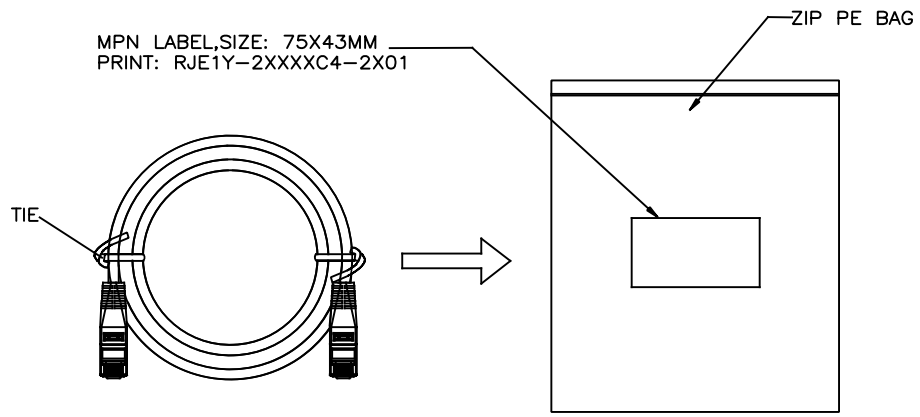


FIGURE 1

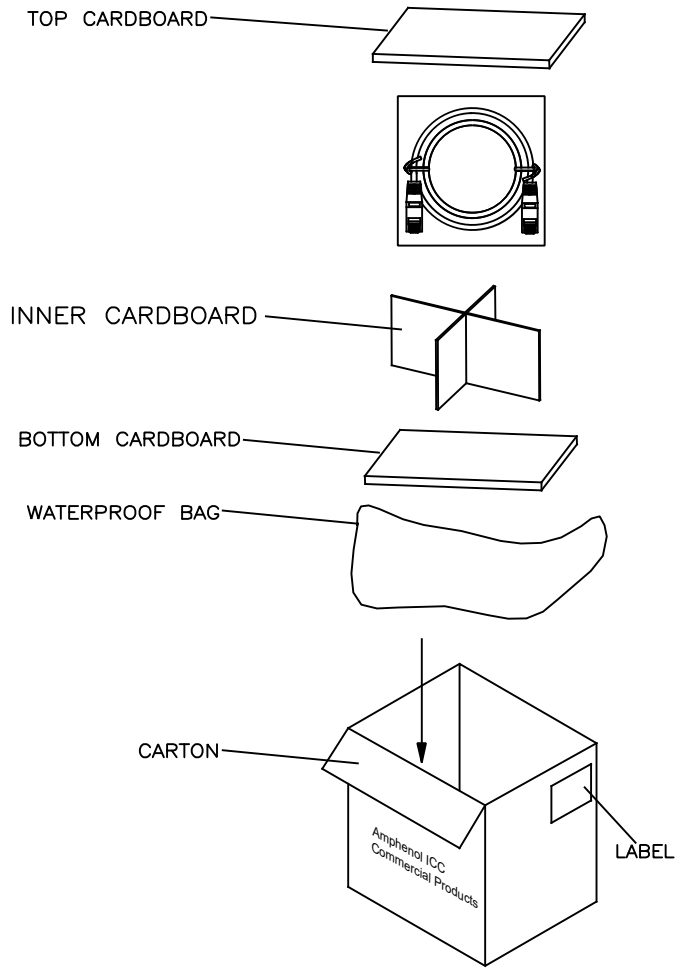


FIGURE 2
CARTON PACKAGING REFERENCE

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.

| | | | | | | |
|----------------------------|--|------------------------|-----------|----------|---|--|
| UNLESS SPECIFIED OTHERWISE | | DRAWN | JAMISON.C | NOV04/23 | Amphenol Canada Corp. Commercial Products | |
| PRIMARY UNITS MILLIMETERS | | CHECKED | K.TANG | NOV04/23 | | |
| SECONDARY | | M.E. APP'D | | | RJ45 OVERMOLDED CAT6 UTP CABLE ASSEMBLY, OD 4.00MM, RoHS COMPLIANT | |
| REFERENCE IN PARENTHESES | | Q.A. APP'D | | | | |
| GENERAL TOLERANCES FOR MM | | DWG APP'D | | | DWG NO. P-RJE1Y-2XXXXC4-2X01 | |
| 1 DECIMAL PLACE ±2.0 | | ENG. REL. NO. | | | | |
| 2 DECIMAL PLACES | | REF. | | | REV A | |
| 3 DECIMAL PLACES | | THIRD ANGLE PROJECTION | | | | |
| ANGULAR DEGREE | | DO NOT SCALE DRAWING | | | CODE ID NO. 03554 DWG SIZE/A SCALE FIT SHEET 2 OF 2 | |