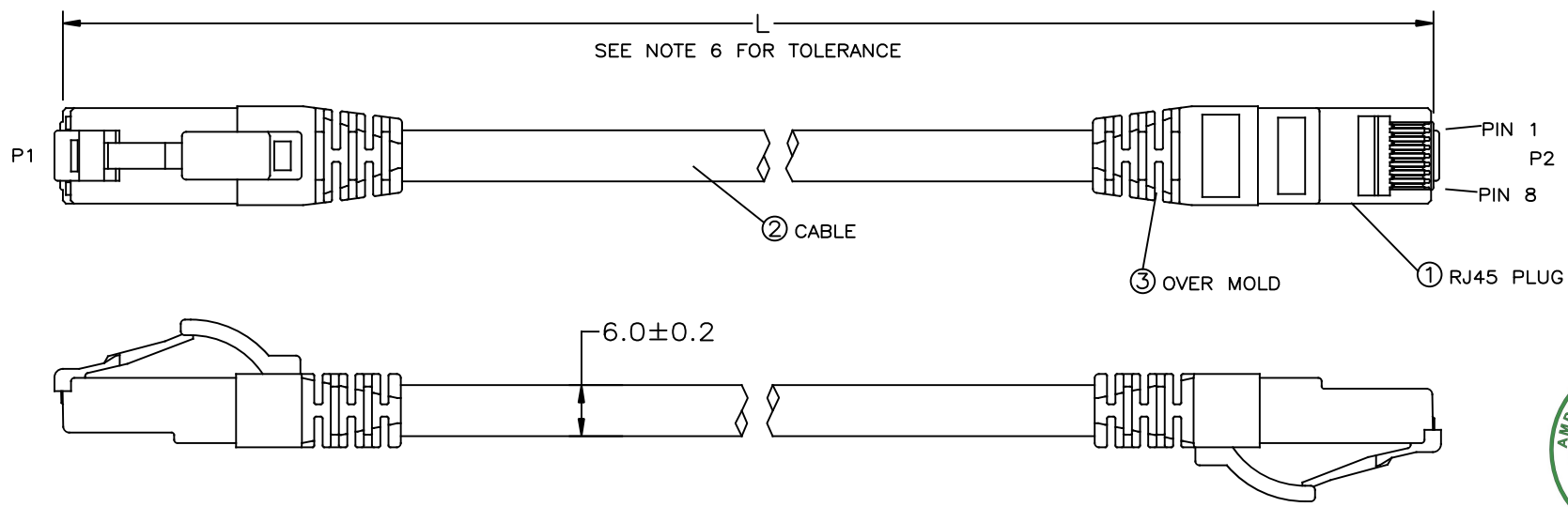


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	APR25/23	K.T



NOTES:

- MATERIALS:**
 PART 1) RJ45 PLUG
 PLASTIC HOUSING: ENGINEERING THERMOPLASTIC, CLEAR
 CONTACTS: BRASS
 PLATING: SELECTIVE GOLD ON MATING SURFACES.
 50µ "[1.27 MICRONS] MIN. NICKEL UNDERPLATE.
 PART 2) CABLE:
 JACKET: PVC, OUTER DIAMETER: 6.0mm,
 CONDUCTORS: BARE COPPER, 24AWG(7/0.2)*4P UTP CAT6A CABLE.
 PART 3) OVER MOLD: ENGINEERING THERMOPLASTIC
- ELECTRICAL**
 INSULATION RESISTANCE: 100M OHMS
 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
- SIGNAL**
 100% PERFORMANCE TEST
 CAT6A CHANNEL REQUIREMENTS
- OPERATING TEMPERATURE:** -20°C TO 75°C
- PLUG MECHANICAL AND DIMENSIONS CONFORMS TO TIA 1096.**
- 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-3X XXX16-2X01

COLOR CODE:

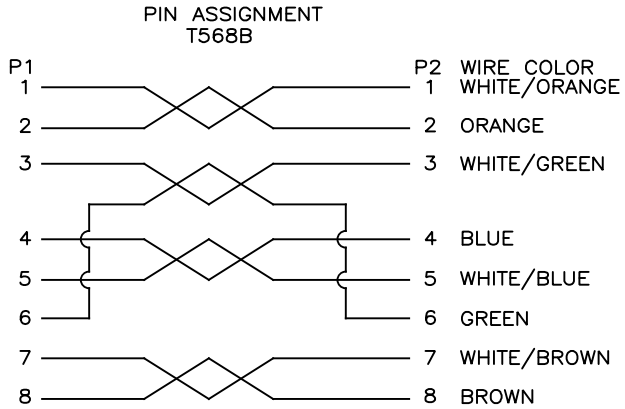
1=WHITE	5=YELLOW
2=BLACK	6=BLUE
3=GREY	7=PURPLE
4=GREEN	8=RED

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	APR25/23
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	APR25/23
SECONDARY	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D		
1 DECIMAL PLACE	±2.0		
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	REF.		
AUGULAR DEGREE	REF.		
	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING

Amphenol Canada Corp.
 Commercial Products

RJ45 OVERMOLDED CAT6A UTP CABLE ASSEMBLY,
 OD 6.0MM, RoHS COMPLIANT

DWG NO. P-RJE1Y-3XXXX16-2X01

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

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
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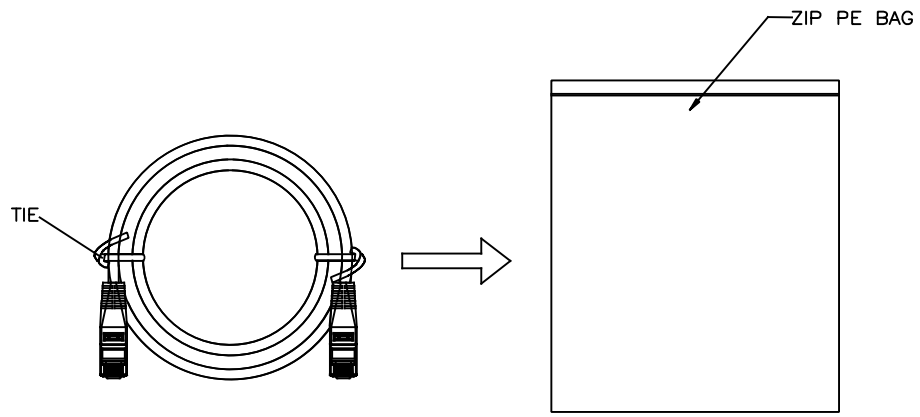


FIGURE 1

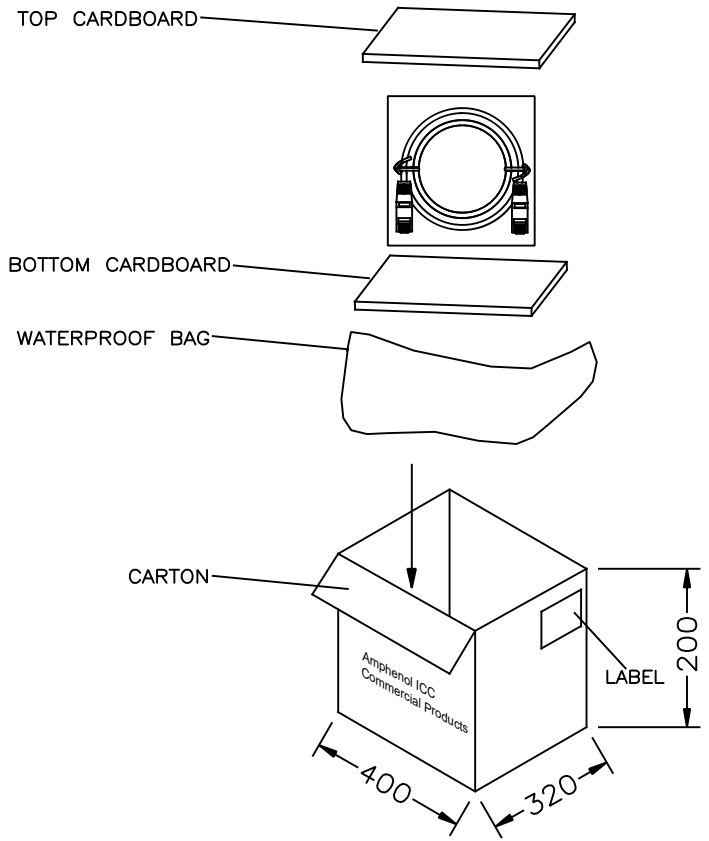


FIGURE 2
CARTON PACKAGING REFERENCE



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.

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UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON.C	APR25/23	Amphenol Canada Corp. Commercial Products	
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	APR25/23		
SECONDARY	M.E. APP'D				
REFERENCE IN PARENTHESES	Q.A. APP'D				
GENERAL TOLERANCES FOR MM	DWG APP'D			RJ45 OVERMOLDED CAT6A UTP CABLE ASSEMBLY, OD 6.0MM, RoHS COMPLIANT	
1 DECIMAL PLACE	±2.0				
2 DECIMAL PLACES	REF.				
3 DECIMAL PLACES	REF.				
AUGULAR DEGREE	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	DWG NO.	
				P-RJE1Y-3XXXX16-2X01	REV A
				CODE ID NO. 03554	DWG SIZEN/A
				SCALE	FIT
				SHEET 2 OF 2	