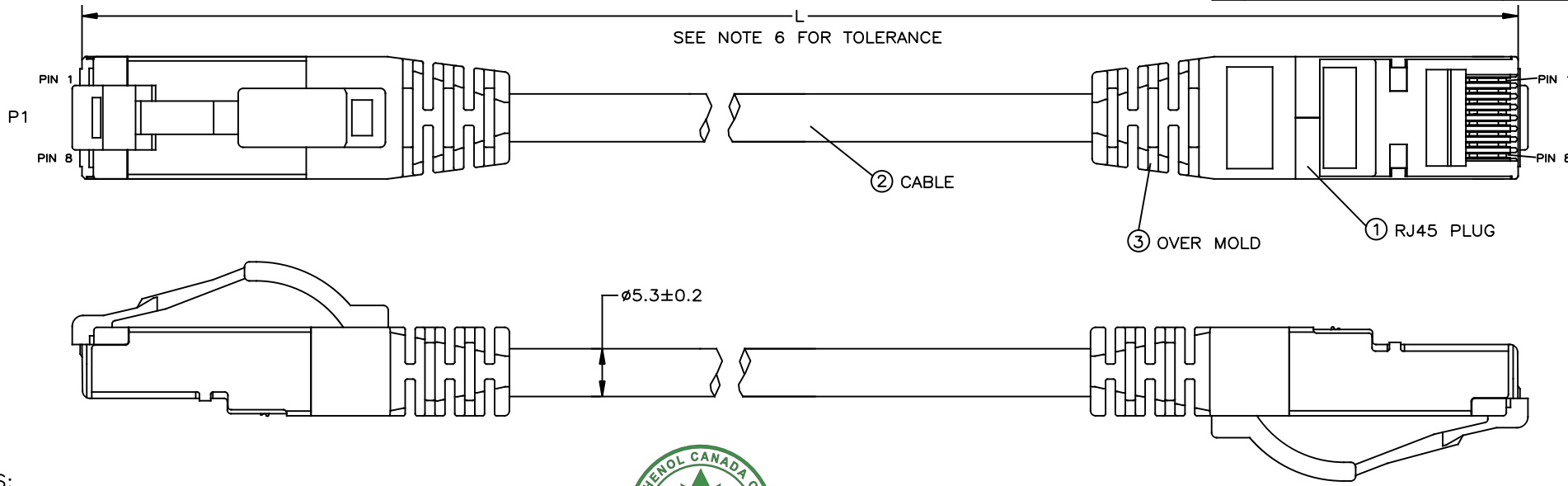


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	CORRECT TYPO ERROR	JAN22/24	K.T
C	UPDATE OPERATING TEMPERATURE; UPDATE WITHSTANDING VOLTAGE;	MAR01/24	K.T
D	UPDATE CABLE OUTER DIAMETER TO 5.3	MAR21/24	K.T



NOTES:

1. MATERIALS:
PART 1) RJ45 PLUG
HOUSING: ENGINEERING THERMOPLASTIC, PC, TRANSPARENT, FLAMMABILITY RATING UL94 V-2.
CONTACTS:BRASS
PLATING: SELECTIVE GOLD ON MATING SURFACES.
50μ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE.
SHELL: BRASS WITH NICKEL PLATED
PART 2) CAT6A S/FTP CABLE:
JACKET: PVC, OUTER DIAMETER: 5.3MM,
CONDUCTORS: STRANDED TINNED COPPER, 30AWG(7/0.10)*4P
PART 3) OVER MOLD: PVC



ORDERING CODE: RJE1Y-3X XXX64-4X01

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"

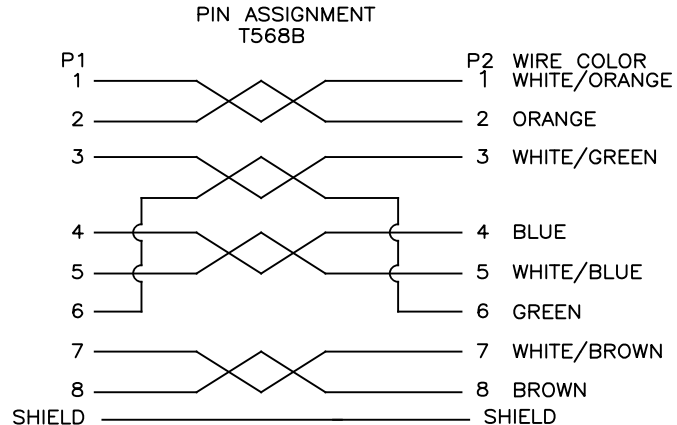
2. ELECTRICAL DATA AT 20°C
CONDUCTION RESISTANCE: L≤5M, 2 Ohm MAX;
5<L≤10M, 3 Ohm MAX;
10<L≤30M, 5 Ohm MAX;
30<L≤60M, 10 Ohm MAX;
INSULATION RESISTANCE: 100M Ohm
DIELECTRIC WITHSTANDING VOLTAGE: 300VDC

3. SIGNAL
100% PERFORMANCE TEST
CAT6A CHANNEL REQUIREMENTS

4. OPERATING TEMPERATURE: -40°C TO 85°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



LENGTH IN MM	
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 99 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 CENTIMETERS	K00 TO K99
20 METER + 00 TO 99 CENTIMETERS	L00 TO L99
30 METER + 00 TO 99 CENTIMETERS	M00 TO M99
CABLE LENGTH ORDERING CODE EXAMPLES: 75CM=F50, 6.3M=F30, 25M=L50, 80M=M50	

UNLESS SPECIFIED OTHERWISE	DRAWN	J.CHEN	OCT19/23
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	OCT19/23
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		
ANGULAR DEGREE	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

RJ45 OVERMOLDED CAT6A S/FTP,
PVC CABLE, OD 5.3MM, BOTH END
PLUGGED, RoHS COMPLIANT

DWG NO. P-RJE1Y-3XXXX64-4X01

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

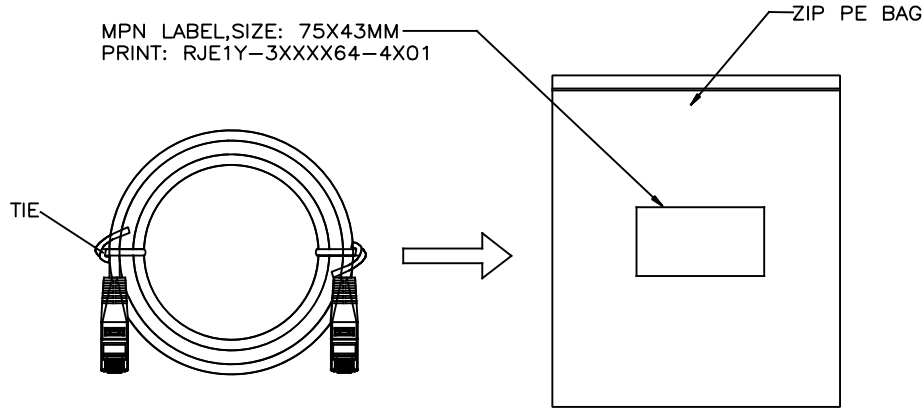


FIGURE 1

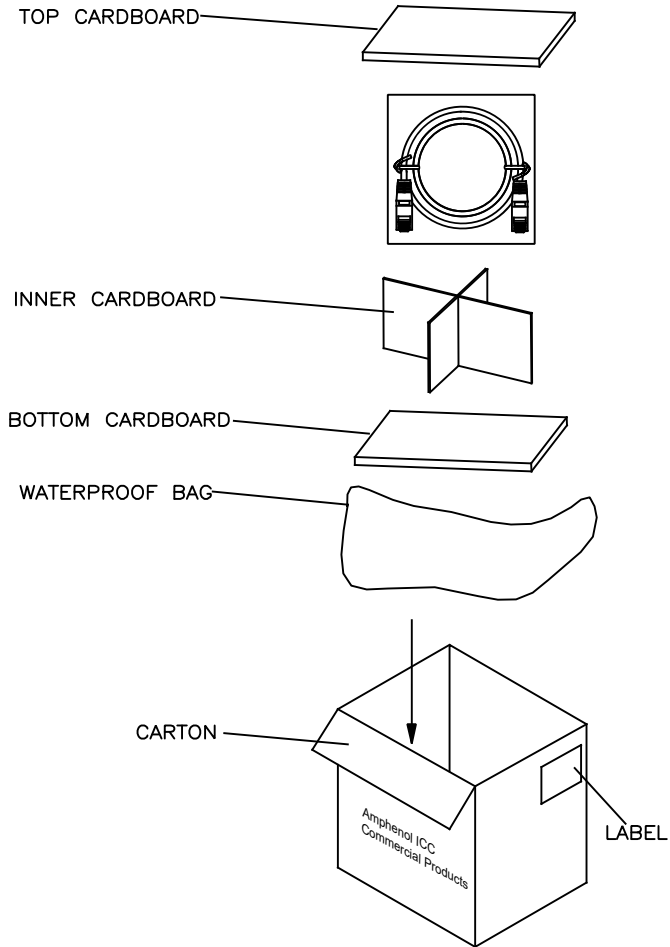



FIGURE 2
CARTON PACKAGING REFERENCE

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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PRIMARY UNITS MILLIMETERS		CHECKED		K.TANG		OCT19/23					
SECONDARY		M.E. APP'D						RJ45 OVERMOLDED CAT6A S/FTP, PVC CABLE, OD 5.3MM, BOTH END PLUGGED, RoHS COMPLIANT			
REFERENCE IN PARENTHESES		Q.A. APP'D									
GENERAL TOLERANCES FOR MM		DWG APP'D						DWG NO. P-RJE1Y-3XXXX64-4X01			
1 DECIMAL PLACE ±2.0		ENG. REL. NO.									
2 DECIMAL PLACES		REF.						REV D			
3 DECIMAL PLACES		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING		CODE ID NO. 03554 DWG SIZE/N SCALE FIT SHEET 2 OF 2			
ANGULAR DEGREE											