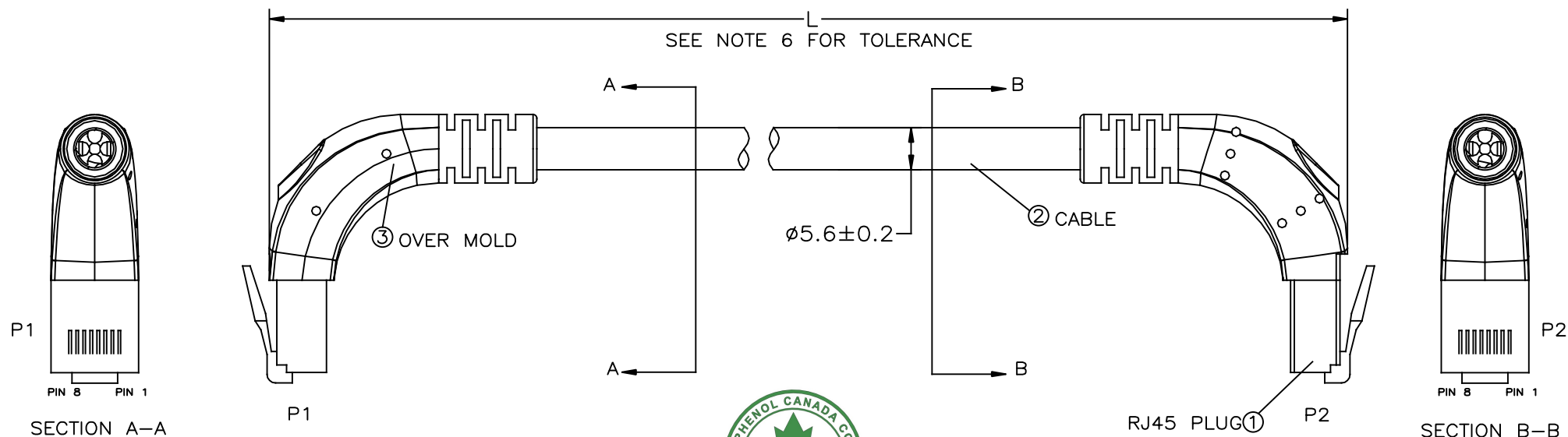


REVIEWS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	OCT30/24	K.T



NOTES:

- MATERIALS:**
PART 1) RJ45 PLUG
HOUSING: ENGINEERING THERMOPLASTIC, UL94 V-0, TRANSPARENT
CONTACTS: BRASS WITH NICKEL PLATED
PLATING: SELECTIVE GOLD ON MATING SURFACES.
SHIELD: BRASS WITH NICKEL PLATED
50μ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE.
PART 2) CAT6 S/FTP CABLE:
JACKET: PVC, OUTER DIAMETER: 5.6mm
CONDUCTORS: BARE COPPER, 28AWG(7/0.127)*4P.
PART 3) OVER MOLD: ENGINEERING THERMOPLASTIC
- ELECTRICAL**
INSULATION RESISTANCE: 100M OHM
WITHSTANDING VOLTAGE: 300V DC
CONDUCTION RESISTANCE: $L \leq 5M$, 2 OHM MAX;
5< $L \leq 15M$, 3 OHM MAX;
15< $L \leq 35M$, 5 OHM MAX;
35< $L \leq 60M$, 10 OHM MAX;
OPEN/SHORT TEST: 100% TEST
- SIGNAL**
CAT6 CHANNEL REQUIREMENTS
- OPERATING TEMPERATURE:** -20°C TO 75°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



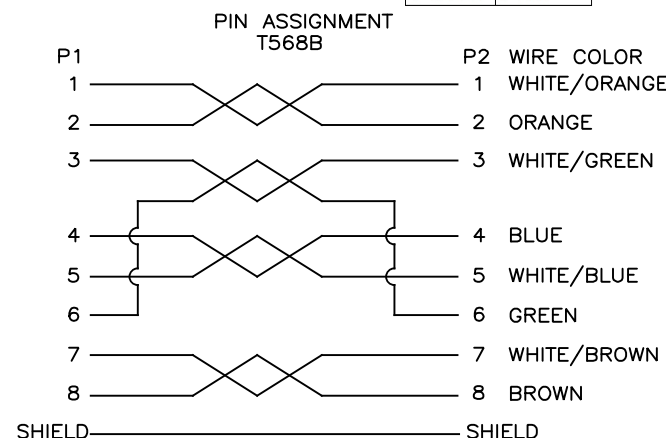
ORDERING CODE: RJE1Y-2X XXXB5-HX01

COLOR CODE:	
1=WHITE	5=YELLOW
2=BLACK	6=BLUE
3=GREY	7=PURPLE
4=GREEN	0=RED

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

LENGTH CODE:

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	JUL24/23
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	JUL24/23
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.	EAR 16013	
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREE	DO NOT SCALE DRAWING		

Amphenol Canada Corp. Commercial Products	
RJ45 CAT6 S/FTP CABLE ASSEMBLY, BOTH ENDS WITH RIGHT ANGLE TYPE, 28 AWG, OD 5.5MM, RoHS COMPLIANT	
DWG NO.	REV A
P-RJE1Y-2XXXXB5-HX01	
CODE ID NO. 03554	DWG SIZE/A SCALE FIT SHEET 1 OF 2

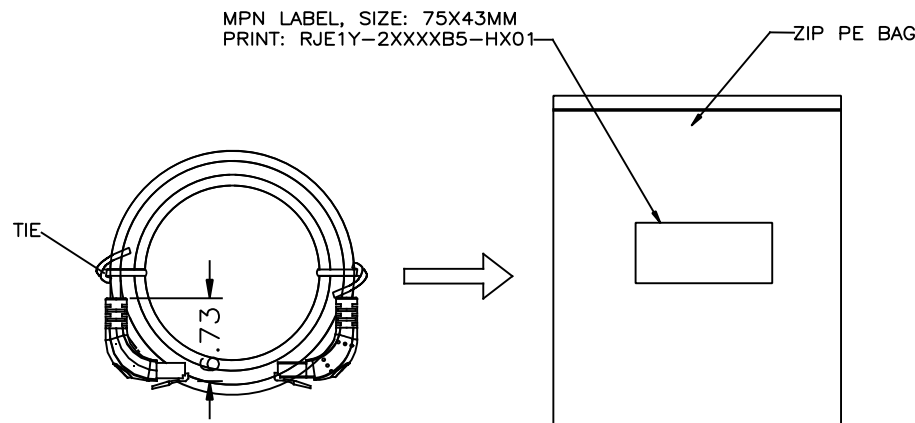


FIGURE 1

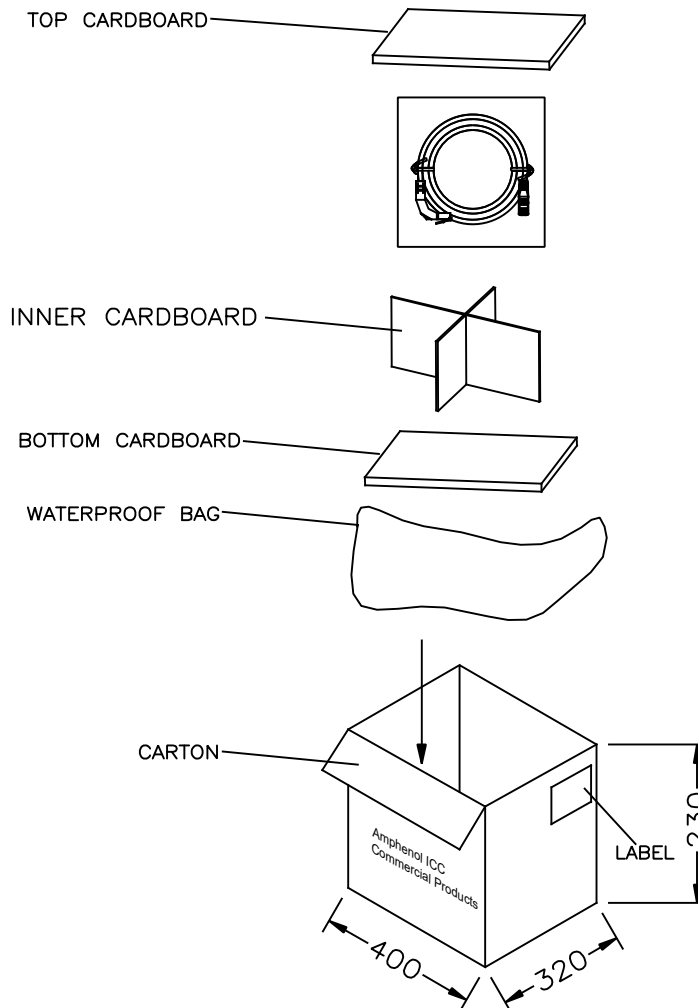


FIGURE 2
CARTON PACKAGING REFERENCE

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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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	OCT30/24	K.T

UNLESS SPECIFIED OTHERWISE		DRAWN J.CHEN		JUL24/23		Amphenol Canada Corp. Commercial Products					
PRIMARY UNITS MILLIMETERS		CHECKED K.TANG		JUL24/23							
SECONDARY		M.E. APP'D				RJ45 CAT6 S/FTP CABLE ASSEMBLY, BOTH ENDS WITH RIGHT ANGLE TYPE, 28 AWG, OD 5.5MM, RoHS COMPLIANT					
REFERENCE IN PARENTHESES		Q.A. APP'D									
GENERAL TOLERANCES FOR MM		DWG APP'D									
1 DECIMAL PLACE ±2.0		ENG. REL. NO.		EAR 16013		DWG NO. P-RJE1Y-2XXXXB5-HX01					
2 DECIMAL PLACES		REF.									
3 DECIMAL PLACES		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING		CODE ID NO. 03554 DWG SIZE/N/A SCALE FIT SHEET 2 OF 2			
ANGULAR DEGREE											