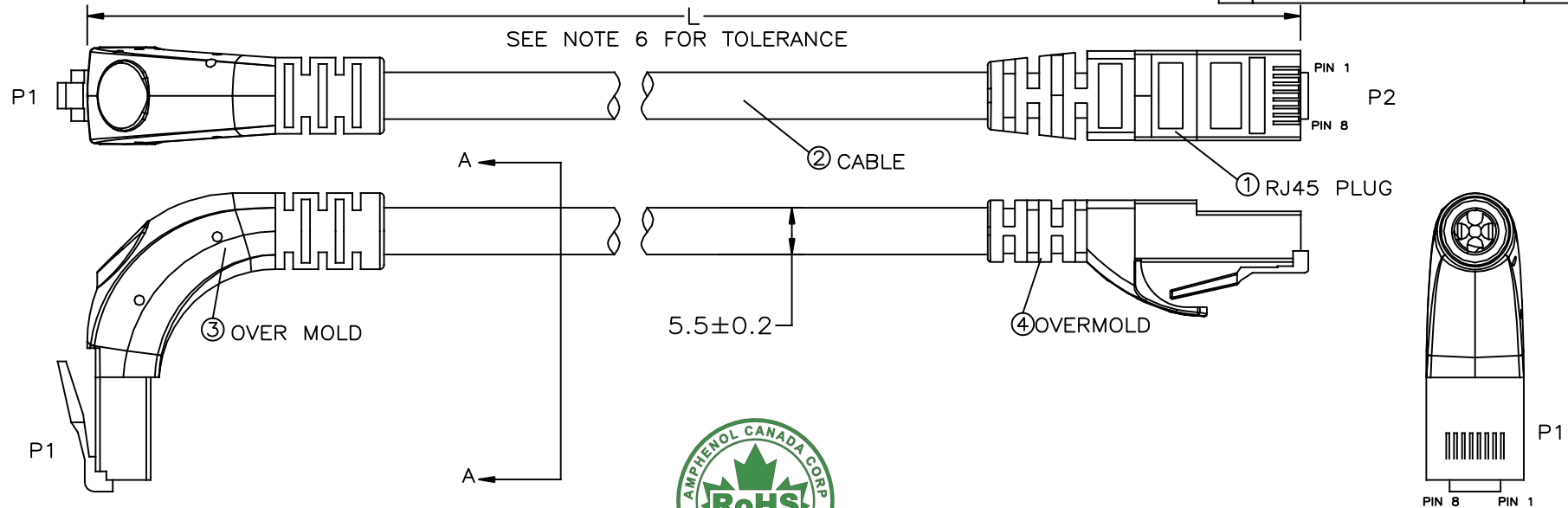


REVIEWS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	UPDATE NOTES TO CLARIFY PLUG SHIELD AND BOOT MATERIAL	OCT11/23	K.T
C	UPDATE 90 DEGREE PLUG APPEARANCE UPDATE BOOT TO OVERMOLD	DEC12/23	K.T
D	UPDATE 90 DEGREE PLUG APPEARANCE	JAN16/24	K.T



NOTES:

- MATERIALS:**
PART 1) RJ45 PLUG
HOUSING: ENGINEERING THERMOPLASTIC, UL94 V-0, TRANSPARENT
CONTACTS: BRASS WITH NICKEL PLATED
PLATING: SELECTIVE GOLD ON MATING SURFACES.
50μ "[1.27 MICRONS] MIN. NICKEL UNDERPLATE.
SHIELD: BRASS WITH NICKEL PLATED
PART 2) CABLE:
JACKET: PVC, OUTER DIAMETER: 5.5mm,
CONDUCTORS: BARE COPPER, 26AWG(7/0.16)*4P F/UTP CAT5e CABLE.
PART 3) OVER MOLD: ENGINEERING THERMOPLASTIC
PART 4) OVERMOLD: PVC

- 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**
CAT5e 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-1X XXX95-AX01

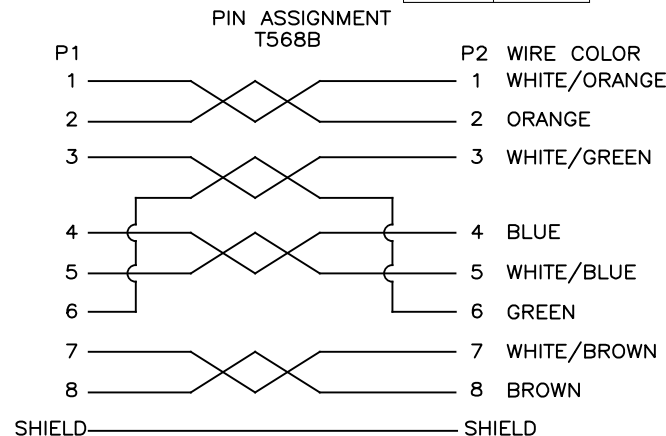
COLOR CODE:

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 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	JAMISON.C	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.		
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREE	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

RJ45 CAT5e F/UTP CABLE ASSEMBLY, ONE
END STRAIGHT, OTHER END RIGHT ANGLE TYPE,
OD 5.5MM, RoHS COMPLIANT

DWG NO.	P-RJE1Y-1XXXXX95-AX01	REV	D
CODE ID NO. 03554	DWG SIZE/A	SCALE	FIT
SHEET	1	OF	2

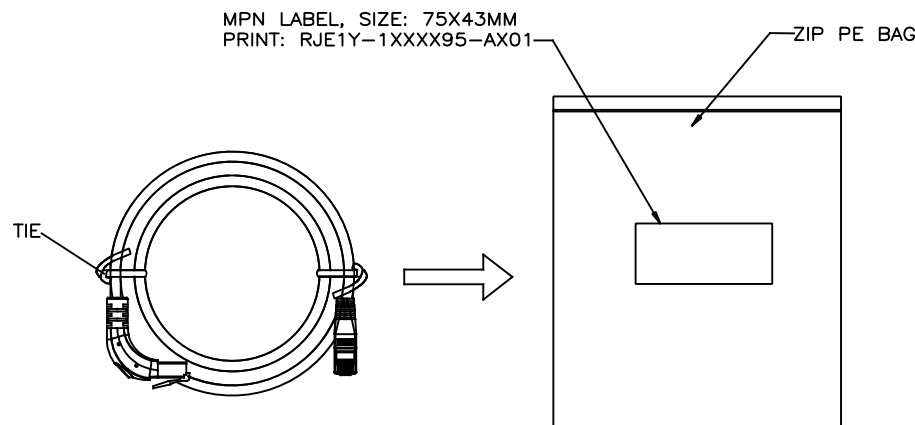


FIGURE 1

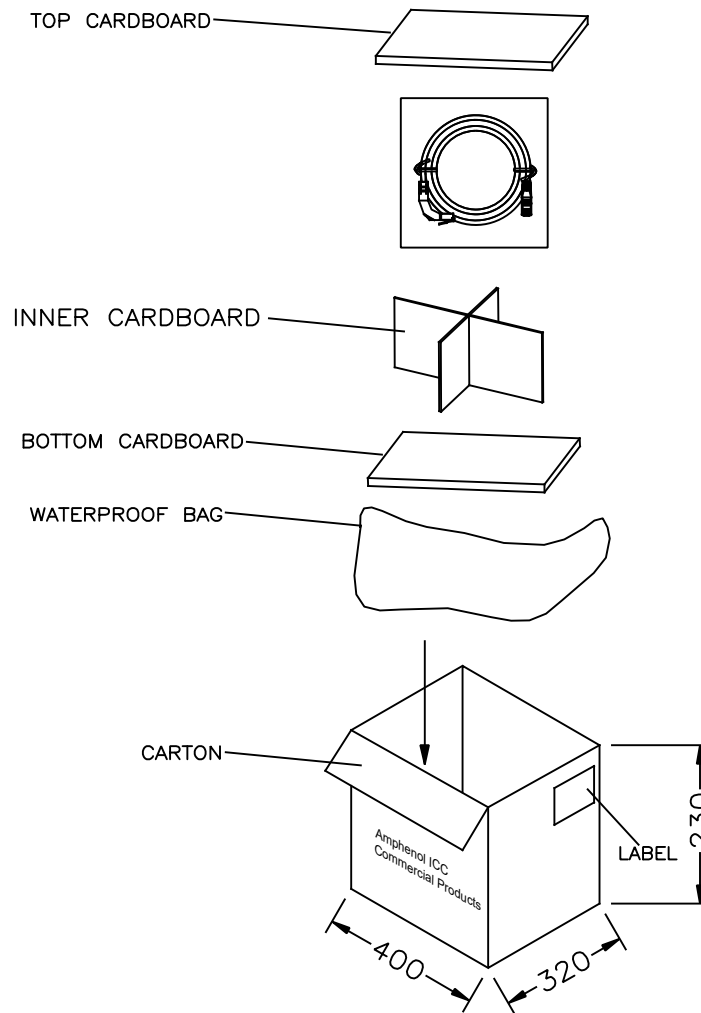


FIGURE 2
CARTON PACKAGING REFERENCE

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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UNLESS SPECIFIED OTHERWISE		DRAWN		JAMISON.C		JUL24/23		Amphenol Canada Corp. Commercial Products					
PRIMARY UNITS MILLIMETERS		CHECKED		K.TANG		JUL24/23		RJ45 CAT5e F/UTP CABLE ASSEMBLY, ONE END STRAIGHT, OTHER END RIGHT ANGLE TYPE, OD 5.5MM, RoHS COMPLIANT					
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.						DWG NO.		P-RJE1Y-1XXXX95-AX01		REV D	
2 DECIMAL PLACES		REF.											
3 DECIMAL PLACES		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING		CODE ID NO. 03554		DWG SIZE/N/A		SCALE FIT	
ANGULAR DEGREE										SHEET 2 OF 2			