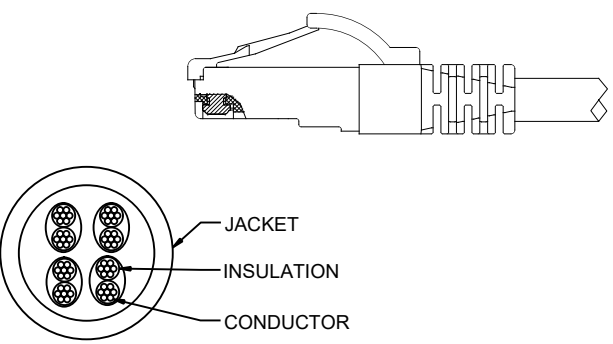
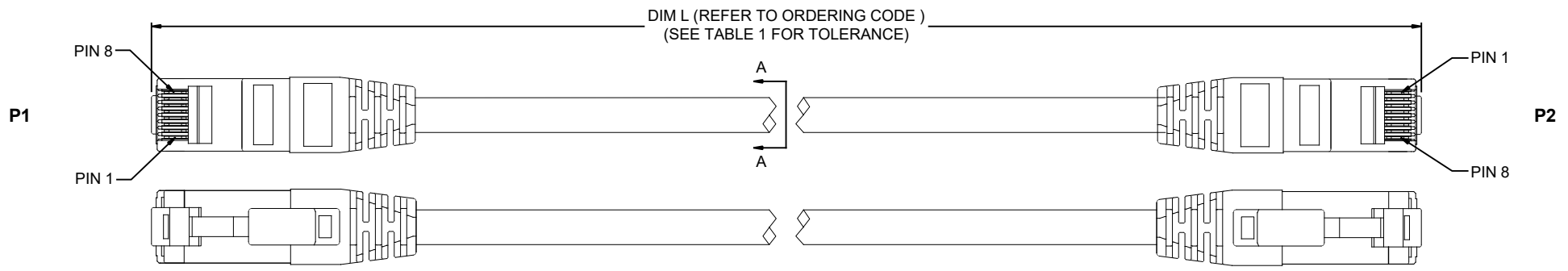


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	MAR21/23	KELVIN



PIN ASSIGNMENT (T568B)		
P1	P2	WIRE COLOR
1	1	WHITE/ORANGE
2	2	ORANGE
3	3	WHITE/GREEN
6	6	GREEN
4	4	BLUE
5	5	WHITE/BLUE
7	7	WHITE/BROWN
8	8	BROWN

TABLE 1: TOLERANCE FOR CABLE ASSEMBLIES LENGTH (DIM L)			
METRIC		IMPERIAL ENGLISH	
≤0.3 M	+25 MM TO 0 MM	≤1 FT	+1 INCH TO 0 INCH
>0.3 M TO 1.5 M	+50 MM TO 0 MM	>1 FT TO 5 FT	+2 INCH TO 0 INCH
>1.5 M TO 3 M	+100 MM TO 0 MM	>5 FT TO 10 FT	+4 INCH TO 0 INCH
>3 M TO 7.5 M	+150 MM TO 0 MM	>10 FT TO 25 FT	+6 INCH TO 0 INCH
>7.5 M	+5% TO 0%	>25 FT	+5% TO 0%

NOTES:

- MATERIALS:**
 - CABLE:**
CONDUCTOR: 24AWG(0.195/7) BARE COPPER
INSULATION: Ø0.94±0.05MM, HDPE
JACKET: PVC, Ø5.50±0.30MM, COLOR: SELECTIVE COLOR REFER TO ORDERING CODE FOR JACKET
 - RJ PLUG:**
CONTACT: BRASS, 0.35MM THICKNESS,
PLATING: SELECTIVE GOLD PLATING ON MATING AREAS REFER TO ORDERING CODE FOR THICKNESS
NICKEL PLATING OVERALL
HOUSING: POLYCARBONATE, CLEAR
 - OVER MOLD:** PVC, COLOR: THE SAME AS THE JACKET
- ELECTRICAL:**
INSULATION RESISTANCE: 100M OHMS
WITHSTANDING VOLTAGE: 300V DC
CONDUCTION RESISTANCE: L≤5 M, 2 OHM MAXIMUM,
5<L≤10 M, 3 OHM MAXIMUM,
10<L≤30 M, 5 OHM MAXIMUM,
30<L≤60 M, 10 OHM MAXIMUM
OPEN/SHORT TEST: 100% TEST
- OPERATING TEMPERATURE:** -20°C TO 60°C
- PLUG MECHANICAL AND DIMENSIONS CONFORMS TO ANSI/TIA-1096**
- PACKAGE TYPE:** PE BAG

SECTION A-A
(SCALE 8:1)

ORDERING CODE: RJE1Y-1X XXX 15-2X01

- CABLE JACKET COLOR:
- 1 = WHITE
 - 2 = BLACK
 - 3 = GRAY
 - 4 = GREEN
 - 6 = BLUE
 - 8 = RED

- NUMBER OF POSITION/CONTACTS & GOLD PLATING THICKNESS:
- 1 = 8P8C, GOLD FLASH
 - 2 = 8P8C, 8µ" GOLD
 - 3 = 8P8C, 30µ" GOLD
 - 4 = 8P8C, 50µ" GOLD
 - 9 = 8P8C, 3µ" GOLD

CABLE LENGTH (DIM L)	
200 TO 999	LENGTH IN MM
A00 TO A99	1 METER + 00 TO 99 CENTIMETERS
B00 TO B99	2 METER + 00 TO 99 CENTIMETERS
C00 TO C99	3 METER + 00 TO 99 CENTIMETERS
D00 TO D99	4 METER + 00 TO 99 CENTIMETERS
E00 TO E99	5 METER + 00 TO 99 CENTIMETERS
F00 TO F99	6 METER + 00 TO 99 CENTIMETERS
G00 TO G99	7 METER + 00 TO 99 CENTIMETERS
H00 TO H99	8 METER + 00 TO 99 CENTIMETERS
J00 TO J99	9 METER + 00 TO 99 CENTIMETERS
K00 TO K99	10 METER + 00 TO 99 DECIMETERS
L00 TO L99	20 METER + 00 TO 99 DECIMETERS
M00 TO M99	30 METER + 00 TO 99 METERS

CABLE LENGTH ORDERING CODE EXAMPLES:
75CM=F50, 6.3M=F30, 25M=L50, 80M=M50



UNLESS SPECIFIED OTHERWISE	DRAWN RONNIE.C	MAR21/23
PRIMARY UNITS MILLIMETERS	CHECKED KELVIN.T	MAR21/23
SECONDARY INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	
1 DECIMAL PLACE ±0.50	ENG. REL. NO.	
2 DECIMAL PLACES ±0.20	REF.	
3 DECIMAL PLACES ±0.10		
ANGULAR DEGREES ±2°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING

Amphenol Canada Corp.
Commercial Products

RJ PLUG CABLE ASSEMBLIES, CAT5e, ROUND CABLE, WITH COLOR & LENGTH OPTION, 24#AWG, U/UTP, UNSHIELD, 8P8C, WITH GOLD PLATING OPTION- RoHS COMPLIANT

DWG NO. P-RJE1Y-1XXXX15-2X01

CODE ID NO. 03554 | DWG SIZE X | SCALE 2:1 | SHEET 1 OF 1