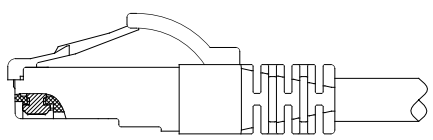
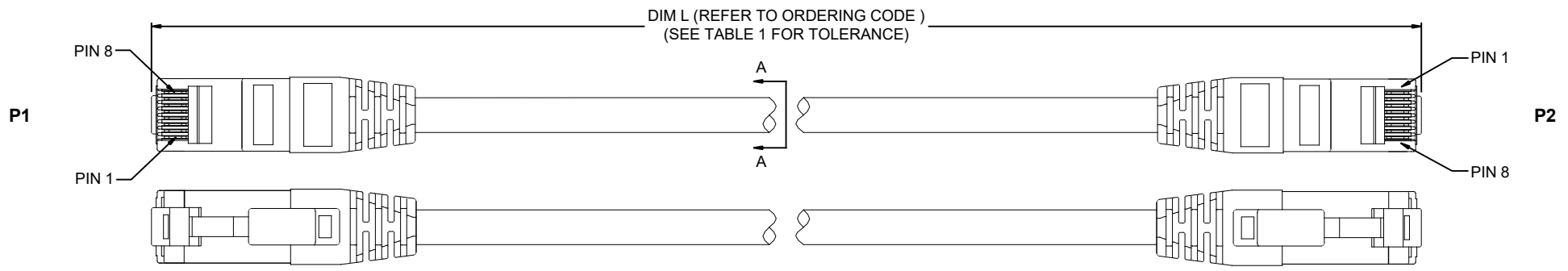
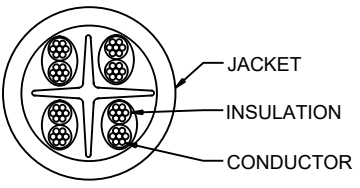


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	MAR21/23	KELVIN



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%



SECTION A-A (SCALE 8:1)

ORDERING CODE: RJE1Y-2X_XXX-15-2X01

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

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

NOTES:

- MATERIALS:
 - A). CABLE:
 - CONDUCTOR: 24AWG(0.27) BARE COPPER
 - INSULATION: Ø0.94±0.05MM, HDPE
 - JACKET: PVC, Ø6.00±0.30MM, COLOR: SELECTIVE COLOR REFER TO ORDERING CODE FOR JACKET
 - B). RJ PLUG:
 - CONTACT: BRASS, 0.35MM THICKNESS,
 - PLATING: SELECTIVE GOLD PLATING ON MATING AREAS REFER TO ORDERING CODE FOR THICKNESS NICKEL PLATING OVERALL
 - HOSING: POLYCARBONATE, CLEAR
 - C). 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



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, CAT6, ROUND CABLE, WITH COLOR & LENGTH OPTION, 24#AWG, U/UTP, UNSHIELD, 8P8C, WITH GOLD PLATING OPTION- RoHS COMPLIANT	
DWG NO.	P-RJE1Y-2XXXX15-2X01
REV	A
CODE ID NO. 03554	DWG SIZE X SCALE 2:1 SHEET 1 OF 1