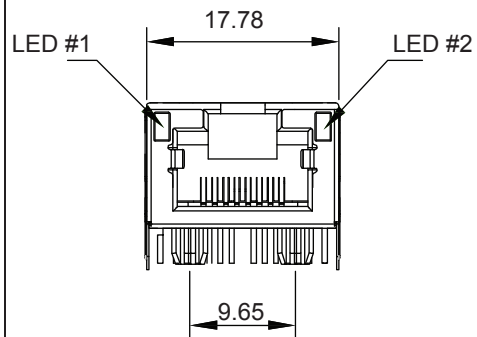
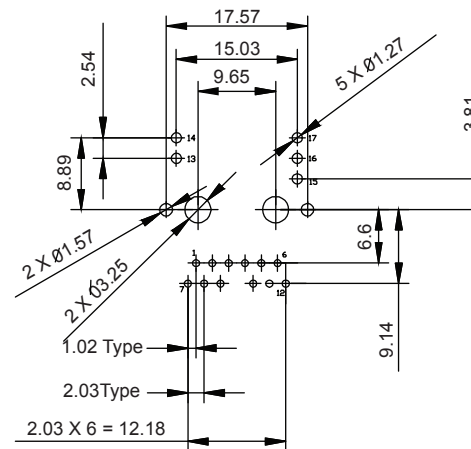
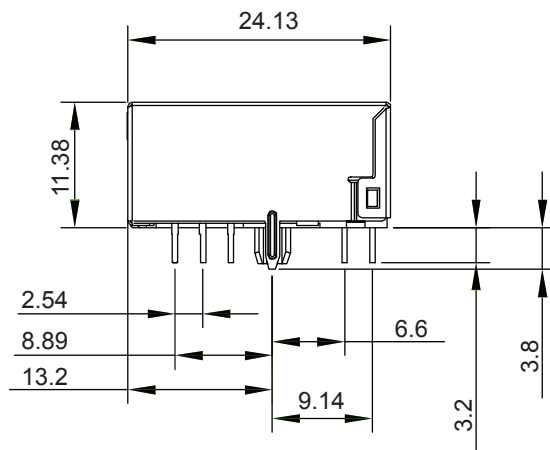
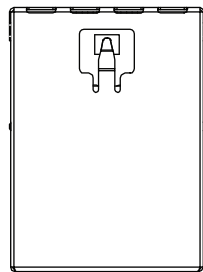


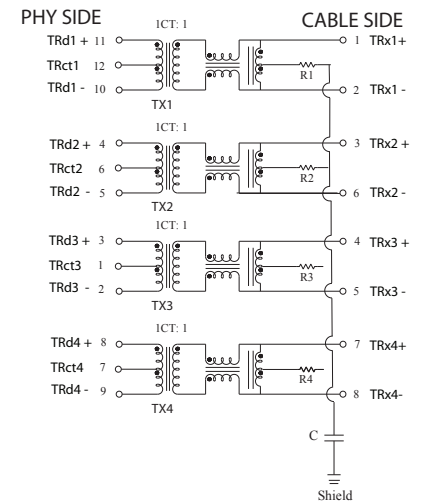
Pin	Green	Yellow	Green
13	-	15	-
14	+	16	+
		17	-

Electrical Specification

Insertion Loss	0.5-100 Mhz	-1.0
	100-125 Mhz	-1.2
Return Loss	1-30 Mhz	- 18
	30-60 Mhz	- 16
	60-80 Mhz	- 12
	80-100 Mhz	- 10
Crosstalk	0.1-100 Mhz	- 30
DCMR	0.1-100 Mhz	- 35
CMR	0.1-100 Mhz	- 30
Hipot		1500 Vrms



Recommended PCB Layout



Rx=75Ohms
C=1000pF +/-20%, 3KV

LED OPTION TABLE:

OPTION	FORWARD	REVERSE
G	GREEN	-----
Y	YELLOW	-----
R	RED	-----
1	GREEN	ORANGE
2	YELLOW	ORANGE
3	GREEN	RED
4	YELLOW	RED
5	GREEN	YELLOW
6	YELLOW	GREEN
7	RED	GREEN
8	RED	YELLOW

MATERIAL:

CONTACT MATERIAL : PHOSPHOR BRONZE
INSULATOR: PA66 + 30 % Glass Filled (UL94V-0)
OPERATING TEMP: 0 C to 70 C
STORAGE TEMP: -40 C to 85 C
CONTACT PLATING: Gold Plating over Nickel

HOW TO ORDER:

NUMBER OF POSITIONS: 6 -12 Position
NUMBER OF CONTACTS: 6 -12 Contacts

SHIELD:
1 - Fully Shielded

KEYING OPTIONS:
0 - Without Key

PLATING OVERALL:

0 - FULL Au
1 - 10u" Au
2 - 15u" Au
3 - 30u" Au

SELECTIVE PLATING:

6 - Au CONTACT AREA/TIN TAIL
7 - 10u" Au CONTACT AREA/TIN TAIL
8 - 15u" Au CONTACT AREA/TIN TAIL
9 - 30u" Au CONTACT AREA/TIN TAIL
A - 50u" Au CONTACT AREA/TIN TAIL

LED 1: Green/Yellow
LED 2: Green

RoHS COMPLIANT

W/ TRANSFORMER:
T5 - Type 5 Transformer

Rev		Drawn	Checked	Approved	Date
0	Issued	B.S.	S.M.	S.M.	11/03/17
A	Updated Dimensions	B.S.	S.M.	S.M.	12/14/17

SMP TECHNOLOGY, INC.

RJ45 Jack, Low Profile, Gigabit Ethernet, With LED

TOL. DEC. .X +/- 0.38 .XX +/- 0.25 .XXX +/-0.10 ANGLE +/- 3° UNIT: mm

P/N: A7013-661-010-X0-00-5G-T5-Z

Pg: 1