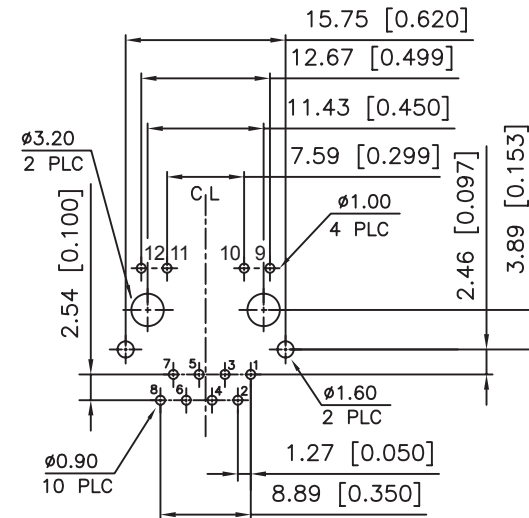
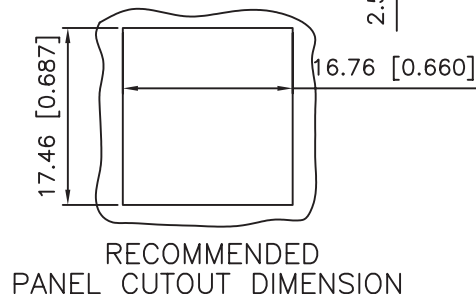
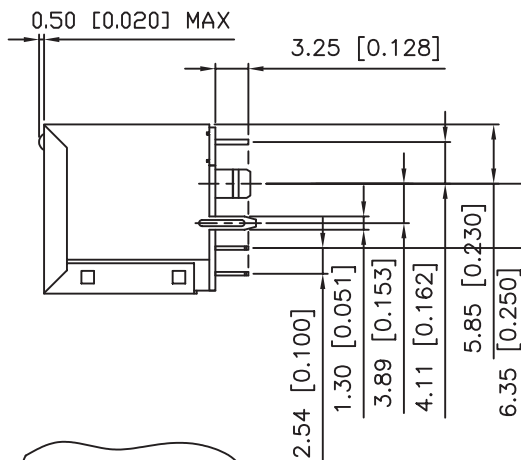
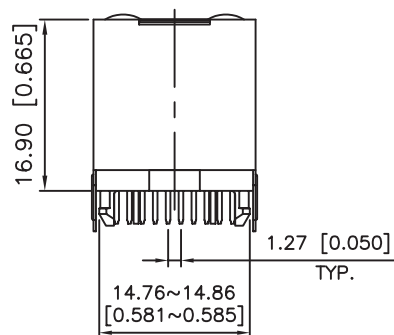
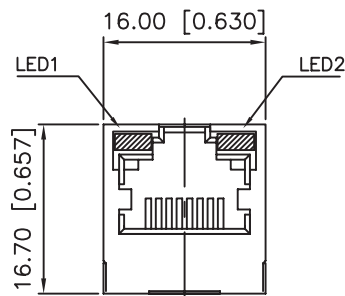




SUGGESTED PCB LAYOUT
(TOP VIEW)

HOW TO ORDER:

A **3** **0** **0** **2** - **3** **4** **1** - **0** **1** **0** - **X** **0** **1** - **X** **X** - **T** **A** - **Z**

NUMBER OF POSITIONS: 3 - 8 Pos
NUMBER OF CONTACTS: 4 - 8 CONTACTS
SHIELD OPTION: 1 - SHIELDED
KEYING OPTION: 0 - NON KEYED
NUMBER OF PORTS: 01 - SINGLE PORT
FLANGE OPTION: 0 - NO FLANGE
LED 1: CHOOSE OPTIONS FROM TABLE BELOW
LED 2: CHOOSE OPTIONS FROM TABLE BELOW
TRANSFORMER OPTION: TA - Type TA Transformer
RoHS COMPLIANT

ELECTRICAL:

CURRENT RATING: 1.5A Max.
 VOLTAGE RATING: 120V AC
 CONTACT RESISTANCE: 20milli-Ohms Max.
 TEMPERATURE RANGE: -25°C TO +90°C
 INSULATION RESISTANCE: 500M-Ohms
 DIELECTRIC VOLTAGE: 1,000 Vrms 60 Sec. Min.

MATERIAL:

SPRING WIRE: 0.35mm Thickness Phosphor Bronze
 Gold Plating Over 50u" Nickel
 INSULATOR: 150u" Tin-Lead over 50u" Nickel,
 High Temp Glass Filled Polyester 94V-0

ENVIRONMENTAL:

Mates with Modular Plug Conforming to FCC Part 68, Subpart F

PLATING OVERALL:

0 - FULL Au FLASH
 1 - 10u" Au
 2 - 30u" Au
 3 - 50u" Au

PCB GROUND TAB

1 - BACK 3.85 mm

SELECTIVE PLATING:

5 - 50u" Au CONTACT AREA/TIN TAIL
 6 - Au FLASH 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

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

Rev		Drawn	Checked	Approved	Date
0	Issued	WHS	S.M.	S.M.	06/15/06
A	Changed Transformer type from Type 2 to Type TA	B.S.	S.M.	S.M.	06/12/08

SCALE: N/A

TOL. DEC. .X +/- 0.25 .XX +/- 0.13 .XXX +/- 0.05 ANGLE +0.45 -0.15 UNIT: mm

SMP TECHNOLOGY, INC.

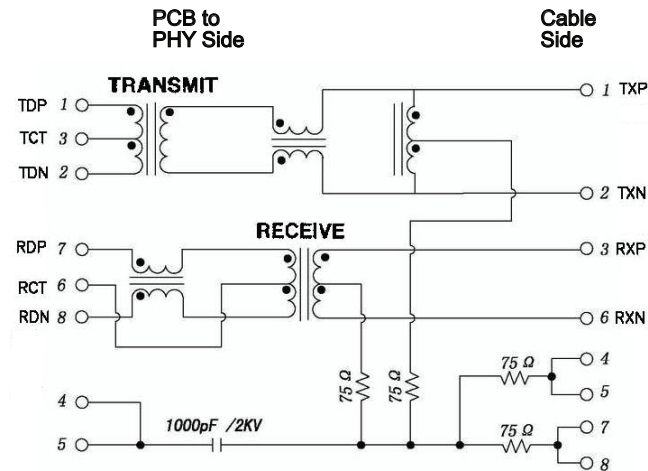
RJ45, Top Entry, Single Port, Shielded,

w/ Transformer, Back 3.85mm, w/ LED's

P/N: A3002-341-010-X01-XX-TA-Z

Pg: 1

TA Transformer



SPECIFICATION:

Item	Parameter	Condition	Min.	Typ.	Max.	Unit	REMARK
1	Insertion loss	1-60 MHz			0.5	dB	
		60-100 MHz			1.0	dB	
		100-125 MHz			1.2	dB	
2	Return loss w/ 100 OHM Load	1-30 MHz	-20			dB	
		30-40 MHz	-13.5			dB	
		40-50 MHz	-11.5			dB	
		50-80 MHz	-10.0			dB	
3	CMRR	1-100 MHz	30			dB	
4	OCL	100 KHz	350			?H	
5	Crosstalk (Pair To Pair)	1-30 MHz	40			dB	
		30-60 MHz	38			dB	
		60-100 MHz	30			dB	

SCALE:n/a

TOL. DEC.

.X +/- 0.25

.XX +/- 0.13

.XXX +/- 0.05

ANGLE +0.45 -0.15

UNIT: mm

P/N: A3002-341-010-X01-XX-TA-Z

Pg: 2