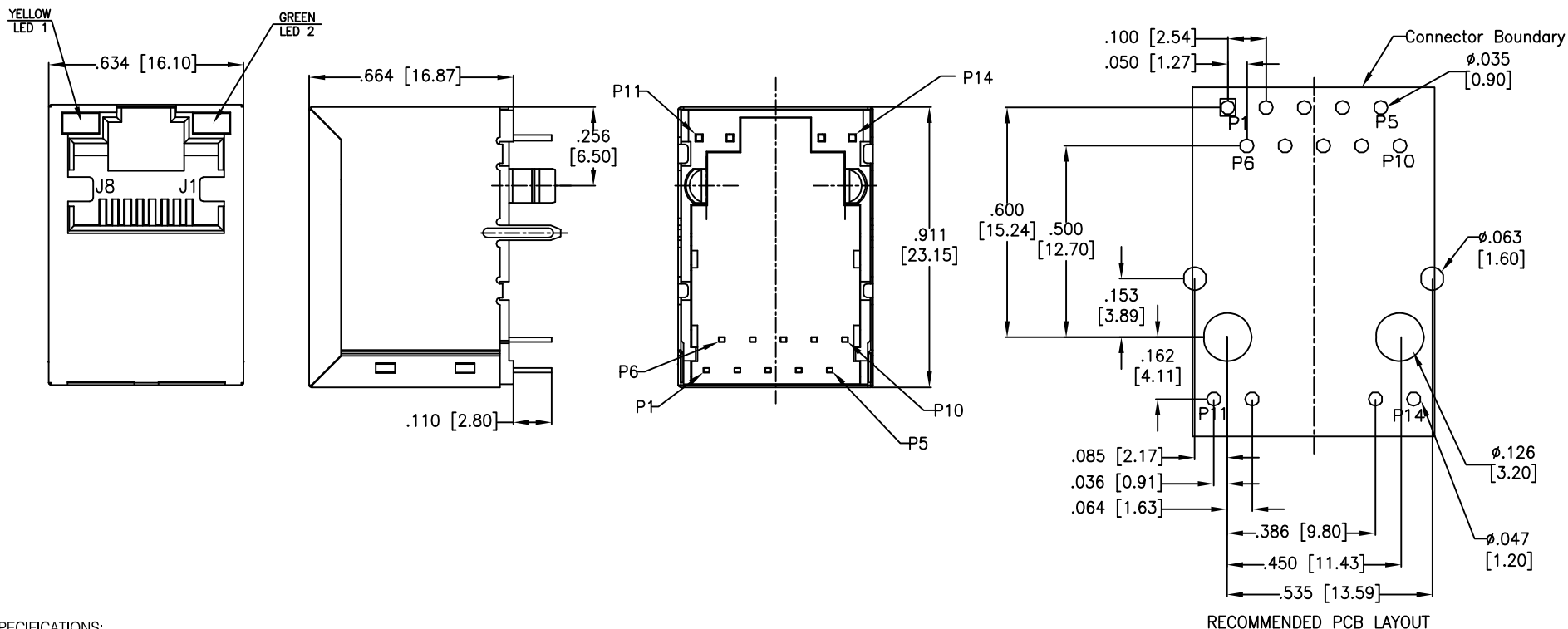


6 5 4 3 2 1

APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/13/18	



SPECIFICATIONS:

Material:

Insulator: PBT, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Shield: Brass, Nickel plated

Plating:

Round contact

Gold over Nickel underplate overall

Flat contact

Gold over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 150 VAC

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 2250 VDC

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES
.X ± .10 Ø.X ± .10
.XX ± .020 Ø.XX ± .015
.XXX ± .015 Ø.XXX ± .010

APPROVALS		DATE
DRAWN	AY	11/13/18
CHECKED	NL	11/13/18
APPROVED		

ADAM
TECH
INTERCONNECTS

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/LED1 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88TVX1-FSJ-LG-M75C-WOT	-
REF:	S00005C	SCALE: NTS
SHEET 1 OF 2		

6

5

4

3

2

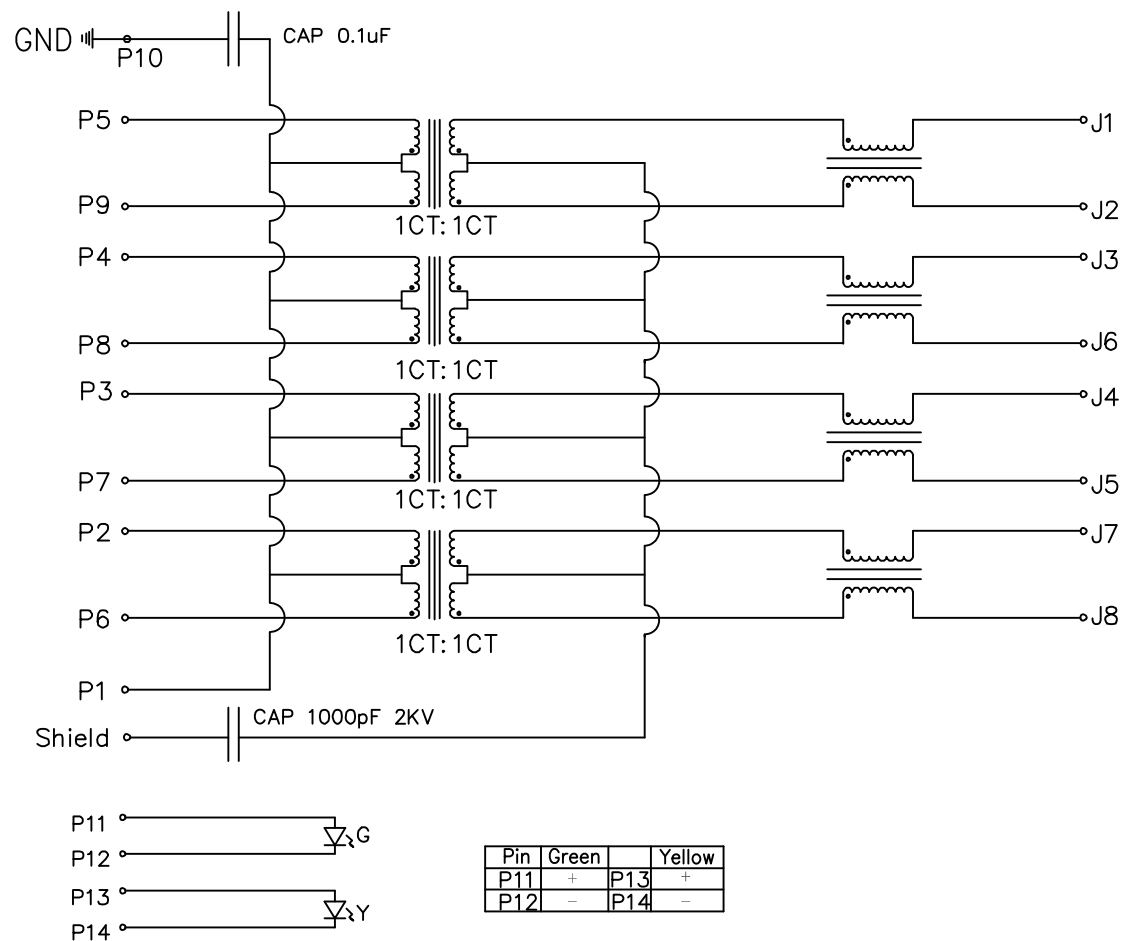
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 2 FOR REVISION



ELECTRICAL CHARACTERISTICS

- Turn Ratio @100KHz: (P5~P9):(J1~J2)=1:1±5%
(P4~P8):(J3~J6)=1:1±5%
(P3~P7):(J4~J5)=1:1±5%
(P2~P6):(J7~J8)=1:1±5%
- Primary Inductance: 350uH Min. @100kHz, 0.1Vrms, 8mA DC BIAS
- DC Resistance: 1.2 Ohms Max.
- Insertion Loss: 1~100MHz : -1.0dB Min.
100~125MHz : -1.2dB Min.
- Return Loss: 1~40MHz: -16dB Max
40~60MHz: : -12dB Max
60~80MHz: -10dB Max
80~100MHz: -8dB Max
- Cross Talk: 1~100MHz: -30dB Max.
- Common to Common mode Attenuation: 1~100MHz: -30dB Min.
- Isolation: PHY Side to Line Side : 2250VDC

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES
.X ±.10 Ø.X ±.10
.XX ±.020 Ø.XX ±.015
.XXX ±.015 Ø.XXX ±.010

APPROVALS

DATE

DRAWN	AY	11/13/18
CHECKED	NL	11/13/18
APPROVED		

ADAM
TECH
INTERCONNECTS

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/LED1 YELLOW, LED2 GREEN

SIZE X	PART NO. MTJ-88TVX1-FSJ-LG-M75C-WOT	REV. -
REF: S00005C	SCALE: NTS	SHEET 2 OF 2