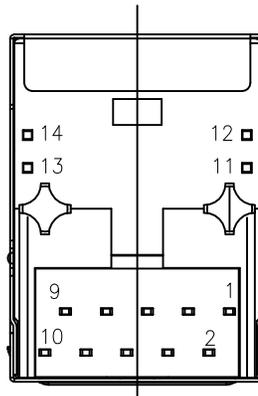
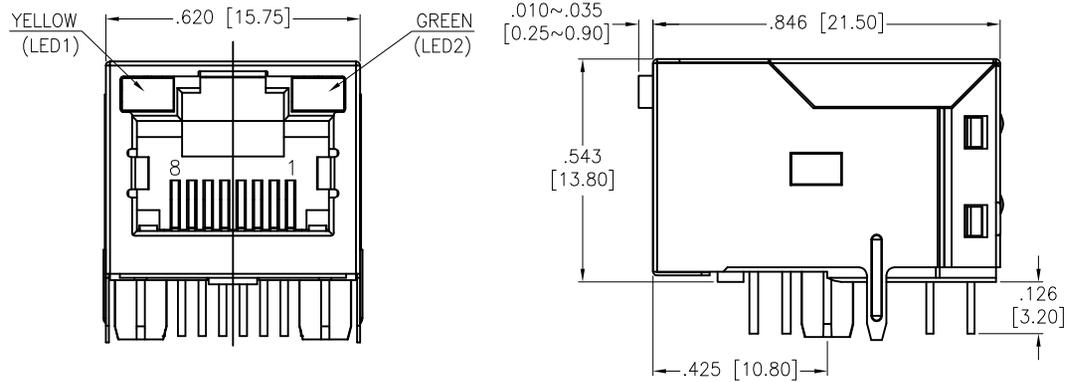
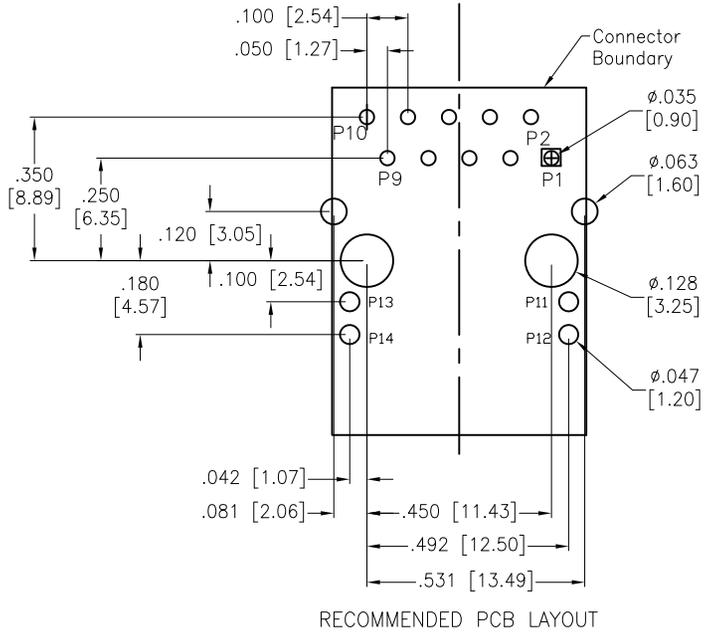


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/20/15	



X	PLATING
0	15 μ n Gold
1	30 μ n Gold
2	50 μ n Gold

SPECIFICATIONS:

Material:
 Insulator: Thermoplastic, rated UL 94V-0
 Insulator Color: Black
 Contacts: Copper Alloy
 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
 (See chart for thickness)
Electrical:
 Operating voltage: 150 VAC max
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 2,250 VDC for 1 minute
Temperature Rating:
 Operating temperature: 0°C to +70°C
Environmental:
 Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES HOLES

.X	$\pm .10$	$\phi .X$	$\pm .10$
.XX	$\pm .020$	$\phi .XX$	$\pm .015$
.XXX	$\pm .015$	$\phi .XXX$	$\pm .010$

APPROVALS		DATE
DRAWN	HR	10/20/15
CHECKED	MW	10/20/15
APPROVED		



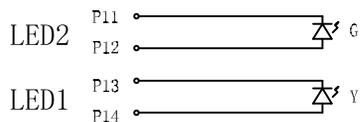
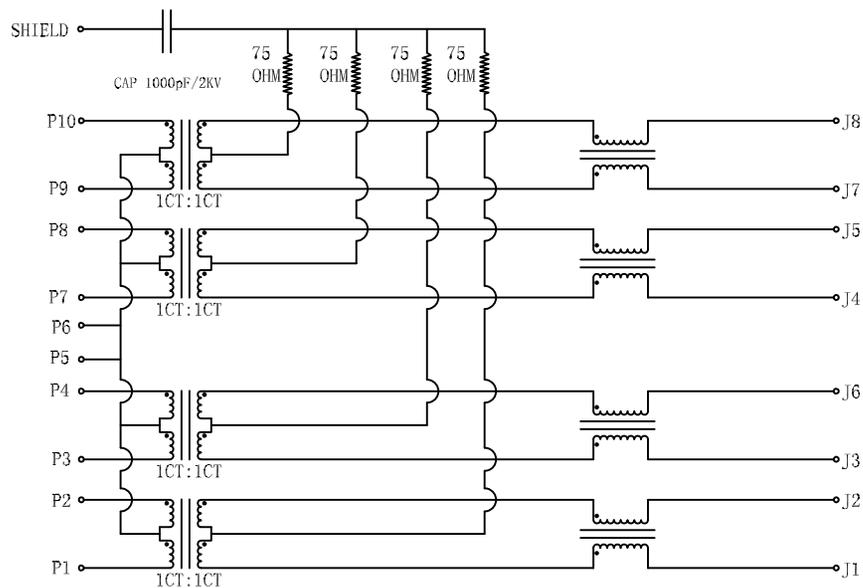
TITLE MODULAR TELEPHONE JACK, 1 PORT, 8P8C W/ LED1 YELLOW, LED2 GREEN		
SIZE X	PART NO. MTJ-88TUX1-FSD-VLG-M21C	REV. -
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 2 FOR REVISION



LED2	Green	LED1	Yellow
P11	-	P13	-
P12	+	P14	+

ELECTRICAL SPECIFICATIONS:

- Turns Ratio @100KHz: (P1 ~ P2) : (J1 ~ J2) 1:1 ±5%
(P3 ~ P4) : (J3 ~ J6) 1:1 ±5%
(P7 ~ P8) : (J4 ~ J5) 1:1 ±5%
(P9 ~ P10) : (J7 ~ J8) 1:1 ±5%
- Primary Inductance: 350uH Min. @100KHz ,0.1V 8mA DC Bias
- DC Resistance: 1.2 Ohms Max.
- Insertion Loss: 1~100MHZ : -1.0dB Max.
100~125MHZ : -1.2dB Max.
- Return Loss: 1~40MHZ: -16dB Min.
40~60MHZ: -12dB Min.
60~80MHZ: -10dB Min.
80~100MHZ: -8dB Min.
- Cross Talk: 1~100MHZ: -30dB Min.
- 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



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

APPROVALS		DATE
DRAWN	HR	10/20/15
CHECKED	MW	10/20/15
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-VLG-M21C	-
REF: S00005C	SCALE: NTS	SHEET 2 OF 2