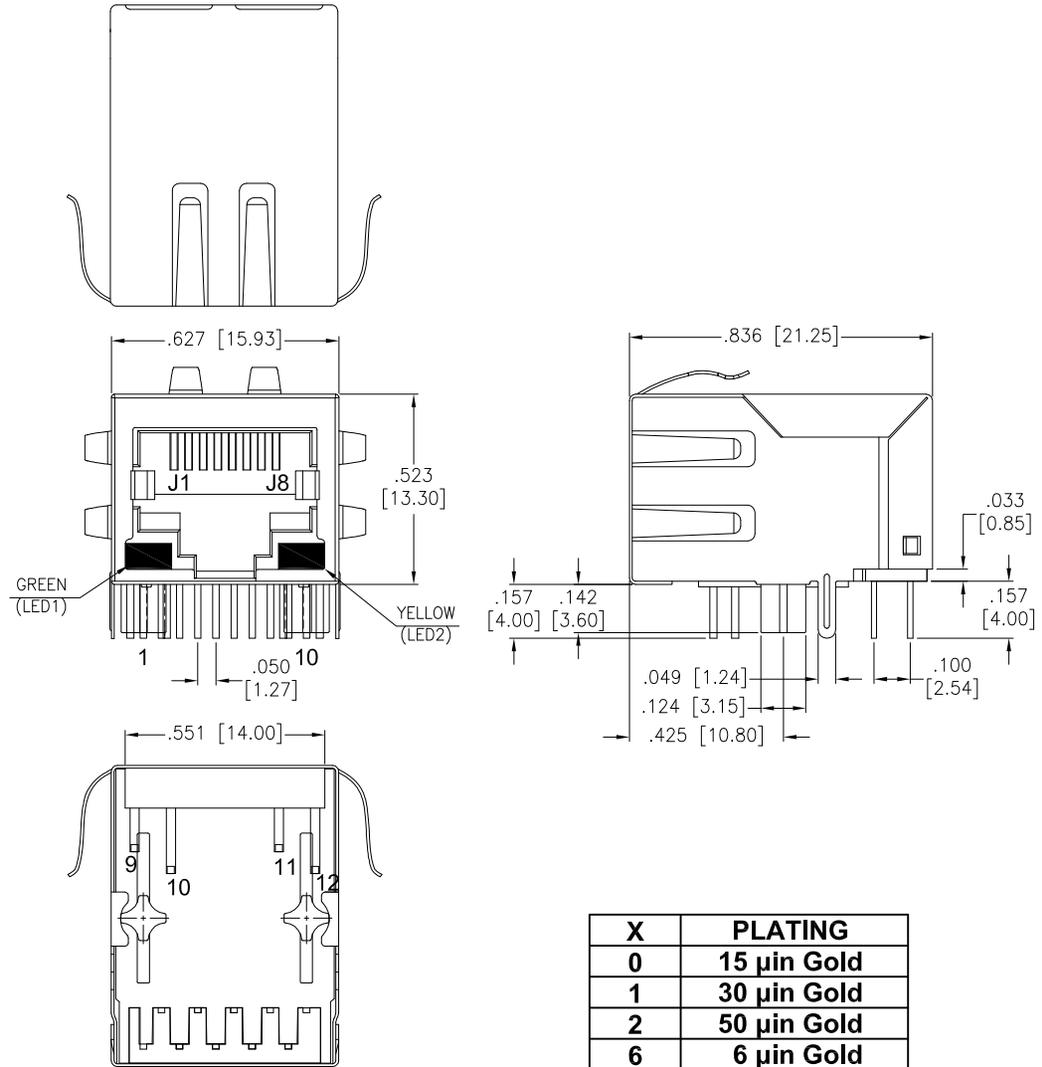
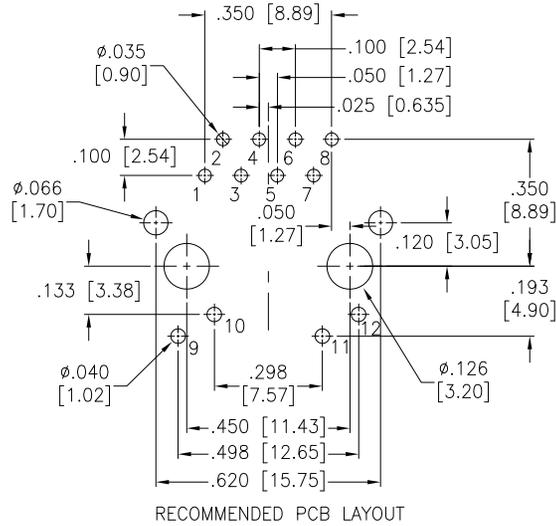


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/22/16	



X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold
6	6 µin Gold

B SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Stainless Steel
 Contact Plating:
 Round contact
 Gold over Nickel underplate overall
 Flat contact
 Gold over Nickel underplate on contact area,
 Tin over Copper underplate on solder tails
 (See chart for thickness)
 Electrical:
 Operating voltage: 150 VAC max
 Current rating: 1.5 Amps max
 Contact Resistance: 20 mohms max. initial
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1500Vrms.
 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 ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010



APPROVALS		DATE
DRAWN	AY	3/22/16
CHECKED	TW	3/22/16
APPROVED		

TITLE RJ45 JACK, 1 PORT, 10/100 BASE T WITH GREEN AND YELLOW LED		
SIZE X	PART NO. MTJ-88TX1-FSDPGD1LH-M4T-HT	REV. -
REF: S00043C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

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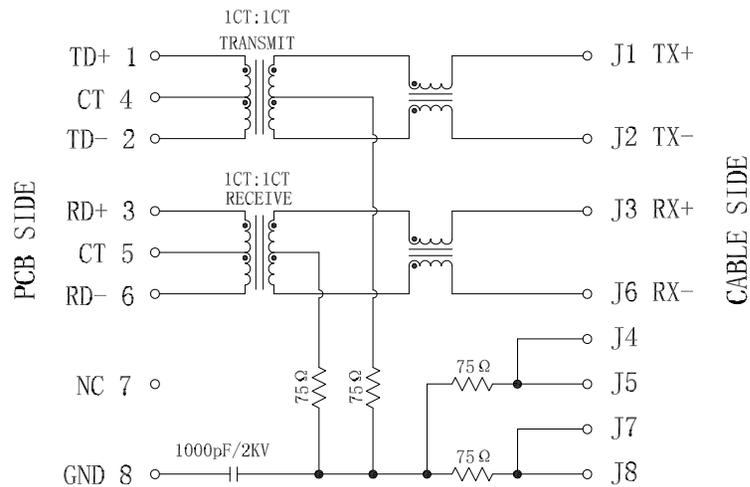
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APPROVED: _____

DATE: _____ TITLE: _____

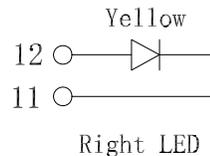
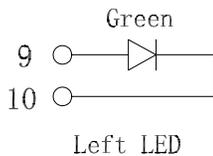
Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 2 FOR REVISION



ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio(±3%):
TX=1CT:1CT RX=1CT:1CT
- Inductance OCL:
350uH MIN @ 100KHz 0.1V 8mA DC Bias
- DCR:1.2Ω MAX
- Insertion Loss:
-1.0dB MAX @ 1-100MHz
- Return Loss:
-18dB MIN @ 1-30MHz
-15dB MIN @ 30-60MHz
-12dB MIN @ 60-100MHz
- Cross talk:
-40dB MIN @ 30MHz
-35dB MIN @ 60MHz
-30dB MIN @ 100MHz
- Common Mode Rejection:
-30dB MIN @ 1-100MHz
- Hipot Test:1500Vrms
- Operating Temperature Range: 0°C TO 70°C



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

.X	± .10	∅.X	± .10
.XX	± .020	∅.XX	± .015
.XXX	± .015	∅.XXX	± .010



APPROVALS		DATE
DRAWN	AY	3/22/16
CHECKED	TW	3/22/16
APPROVED		

TITLE RJ45 JACK, 1 PORT, 10/100 BASE T WITH GREEN AND YELLOW LED		
SIZE X	PART NO. MTJ-88TX1-FSDPGD1LH-M4T-HT	REV. -
REF: S00043C	SCALE: NTS	SHEET 2 OF 2