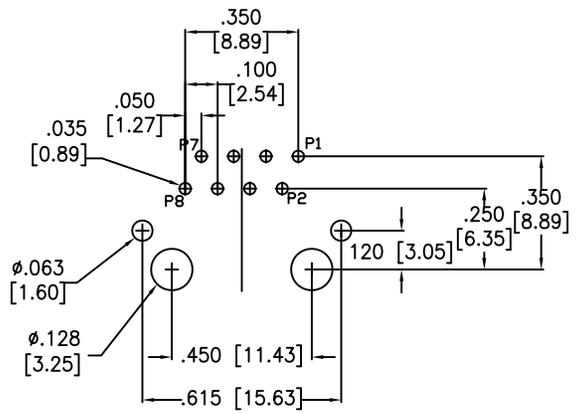
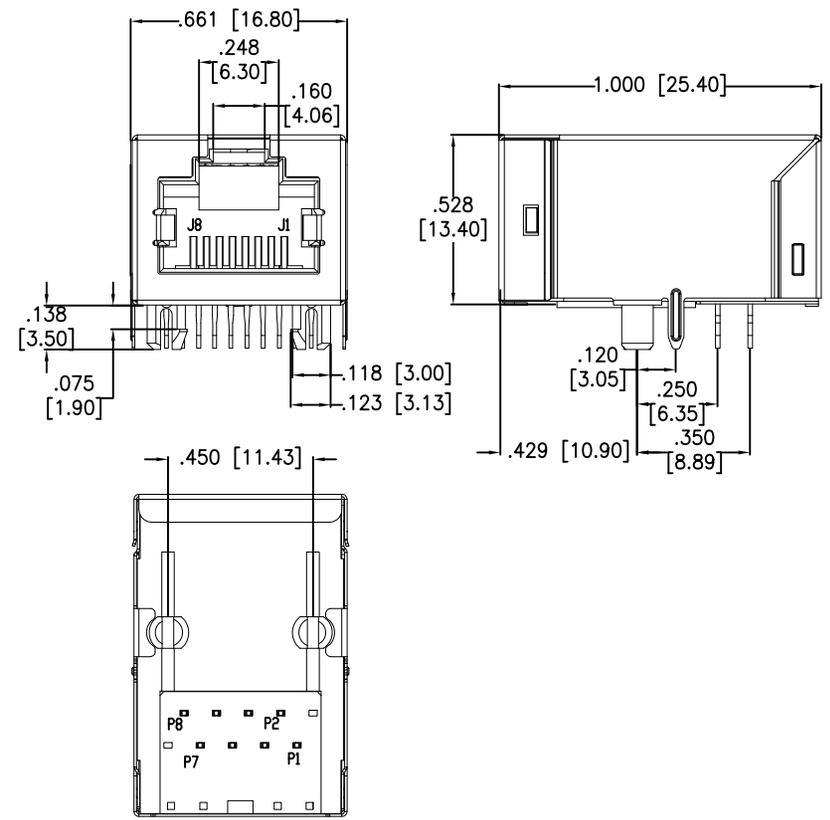


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/26/13	
A		ADDED DIM.	1/14/14	AY/AH



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:
 Material:
 Insulator: NY46, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Shield: Copper Alloy, Nickel plated
 Contact Plating:
 Gold Flash over Nickel underplate on contact area,
 Tin over Copper underplate on tails
 (See chart for thickness).
 Electrical:
 Contact Resistance: 30 mohms max.
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1500 VAC for 1 minut
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



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

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	11/26/13
CHECKED	AH	11/26/13
APPROVED		



TITLE MODULAR JACK GANGED, 1 PORT, 8P8C		
SIZE X	PART NO. MTJ-88SX1-FSD-M5-A	REV. A
REF: S00167T	SCALE: NTS	SHEET 1 OF 2

6

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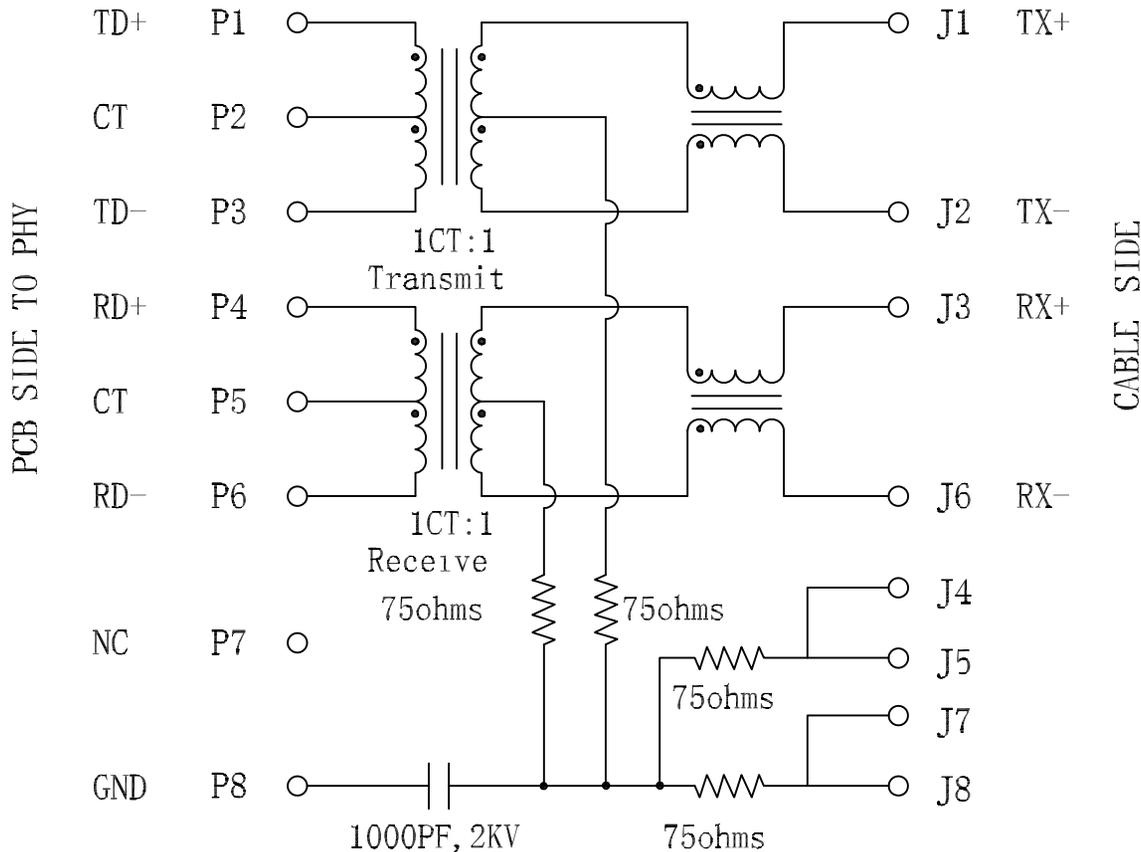
1

APPROVED: _____

DATE: _____ TITLE: _____

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



- SPECIFICATIONS:
- TURN RATIO:
(P1-P3):(J1-J2) = 1:1±3%
(P4-P6):(J3-J6) = 1:1±3%
 - PRIMARY INDUCTANCE:
350uH Min.@100KHz, 100mVRMS, 8mA DC BIAS
 - HI-POT TEST:
PCB SIDE TO CABLE SIDE 1500VAC
 - Insertion Loss:
0.1MHz~100MHz: -1.1dB Max.
 - Return Loss: (Load: 100ohms)
1MHz~30MHz: -18dB Min.
30MHz~60MHz: -18+20Log(F/30)dB Min.
60MHz~80MHz: -12dB Min.
 - CM to CM Rejection:
1MHz~100MHz: -30dB Min.
 - CM to DM Rejection:
1MHz~100MHz: -35dB Min.
 - Cross Talk:
1MHz~100MHz: -35dB Min.

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 JACK GANGED, 2 PORT, 8P8C

APPROVALS		DATE
DRAWN	AY	11/26/13
CHECKED	AH	11/26/13
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-M5-A	A
REF:	S00167T	SCALE: NTS
		SHEET 2 OF 2

6

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4

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2

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