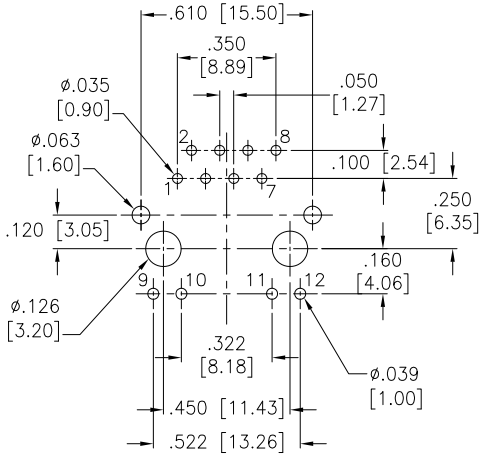
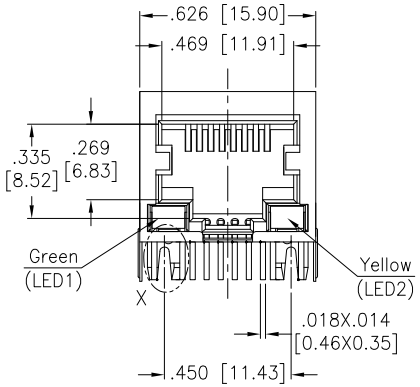
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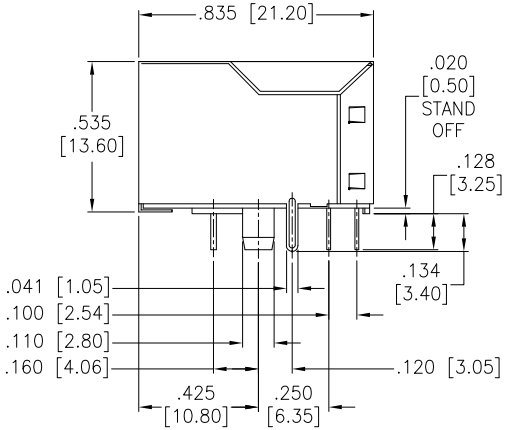
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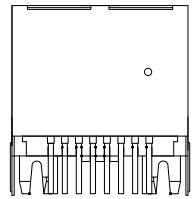
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/14/13	
A		UPDATE DRAWING	9/7/18	AY/YC
B		ADDED DRAWING	10/19/18	AY/YC

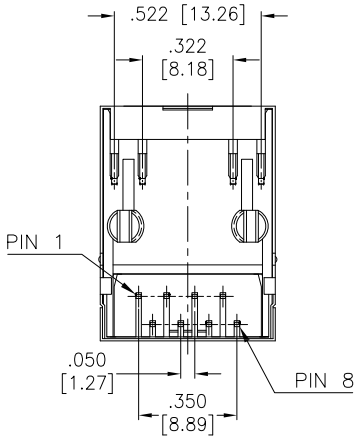


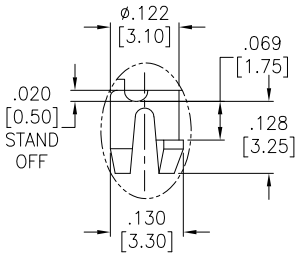
RECOMMENDED PCB LAYOUT



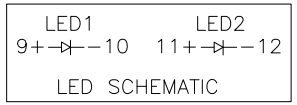








DETAIL X



SPECIFICATIONS:

Material:

Housing: PBT, Glass Fiber, rated UL 94V–0

Insulator color: Black

Insert Housing: PA46, Glass Fiber, rated UL 94V–0, color: Black

Contacts: Phosphor Bronze

Shield: Brass, Nickel plated

LED Solder Tail: Steel, Tin plated

Contact Plating:

Gold over Nickel underplate on contact area

Gold flash over Nickel underplate on solder tails

Electrical:

Voltage Rating: 150 VAC max

Current rating: 1.5 Amps max

Contact Resistance: 20 mohms max.

Insulation resistance: 500 Mohms min @500 VDC

Dielectric withstanding voltage: 1500 Vrms for 1 minut

Temperature Rating:

Operating temperature: –40°C to +85°C

Environmental:

Lead free, RoHS compliant.

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	3/14/13
CHECKED	YC	3/14/13
APPROVED		

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

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

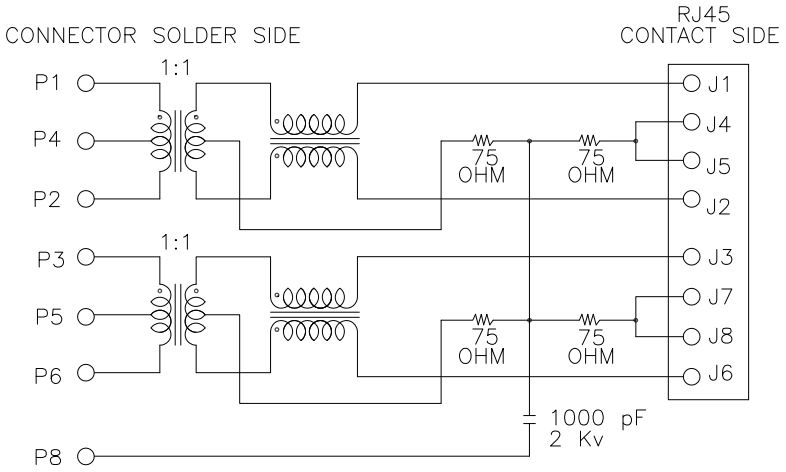
SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-LH-M4	B

REF: S00065T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



CONNECTOR SCHEMATIC

ELECTRICAL CHARACTERISTICS

TEST NOTES: (25°±5°C)

Item	Parameter	Condition	Min.	Typ.	Max.	Unit	REMARK
1	Insertion loss	1–100 MHz			–1	dB	
2	Return loss	1–30 MHz	–20			dB	
		30–60 MHz	–15			dB	
		60–80 MHz	–11			dB	
3	Primary Inductance @100KHz, 0.1Vrms, 8mA DC BIAS	(1–2), (3–6)	350			uH	
4	Crosstalk	1–100 MHz	–30			dB	
5	Hipot	Vrms	1.5			kV	

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	3/14/13
CHECKED	YC	3/14/13
APPROVED		

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X	MTJ-88TX1-FSD-LH-M4	B

REF: S00065T | SCALE: NTS | SHEET 2 OF 2