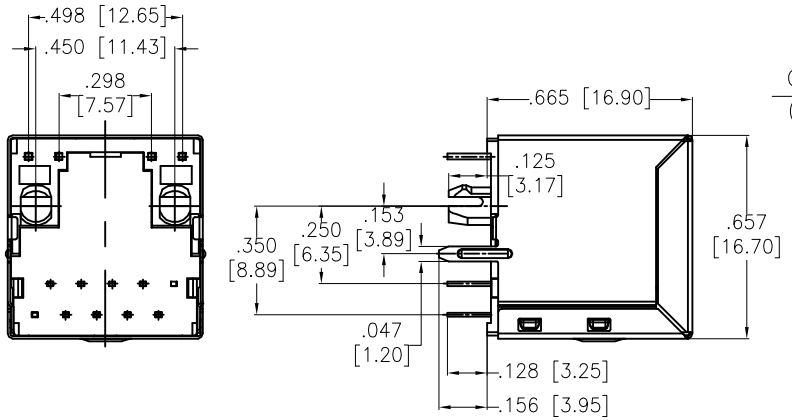
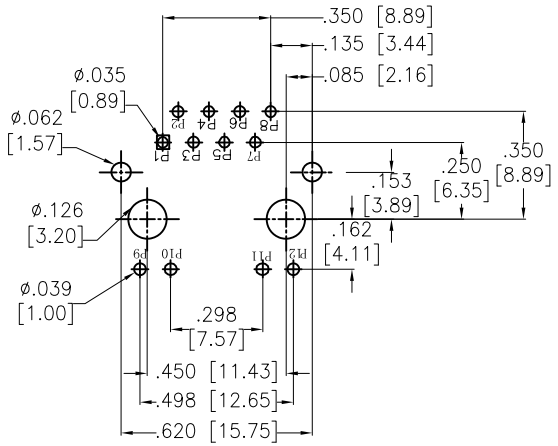
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/22/15	
A		UPDATE SPEC.	11/12/18	AY/NL





RECOMMENDED PCB LAYOUT

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

Electrical:

Voltage rating: 150 VAC

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1500 VAC or 2250 VDC

Temperature Rating:

Operating temperature: 0°C to +70°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	HR	4/23/15
CHECKED	LW	4/23/15
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-88AX1-FSN-LH1-M5C	A

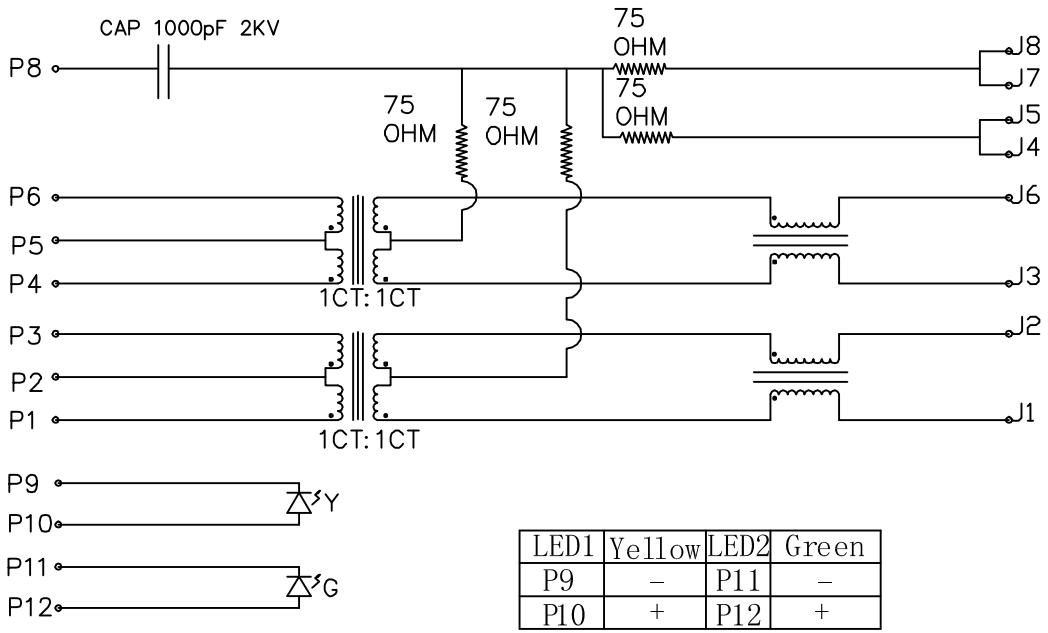
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

Downloaded from Arrow.com.

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

APPROVED: _____

DATE: _____ TITLE: _____



LED1	Yellow	LED2	Green
P9	–	P11	–
P10	+	P12	+

ELECTRICAL SPECIFICATIONS

1. Turn Ratio @100KHz: (P1 ~ P3) : (J1 ~ J2) 1:1 ±5%
   (P4 ~ P6) : (J3 ~ J6) 1:1 ±5%
2. Inductance: 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
3. DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
4. Insertion Loss: 1–100MHz –1.2dB Max.
5. Insertion Loss: 1–100MHz : –1.1dB Min.
5. Return Loss: 1–30MHz –16dB Min.
   30–60MHz –12dB Min.
   60–80MHz –10dB Min.
6. Cross Talk: 1–100MHz –30dB Min.
7. Common to Common mode Attention 1–100MHz –30dB Min.
8. Isolation: PHY Side to Line Side: 1500VAC or 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	HR	4/23/15
CHECKED	LW	4/23/15
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-88AX1-FSN-LH1-M5C	A

REF: S00005C | SCALE: NTS | SHEET 2 OF 2

Downloaded from Arrow.com.