Rev	AWO #	Description	Date	Appr
-	10260	RELEASED	5/12/10	
A	10260	UPDATE DRAWING	7/2/19	LH/KC

APPROVED: _____

DATE: _____ TITLE: _____

.532 [13.50]

.138 [3.50]

.140 [3.55]

.100 [2.54]

.126 [3.20]

.120 [3.05]

.350 [8.89]

.423 [10.75]

J1   J8

.050 [1.27]

.626 [15.90]

.450 [11.43]

.350 [8.89]

.050 [1.27]

ø.035 [0.90]

.100 [2.54]

P2 P4 P6 P8

ø.063 [1.60]

P1 P3 P5 P7

.350 [8.89]

.120 [3.05]

ø.128 [3.25]

.450 [11.43]

.618 [15.70]
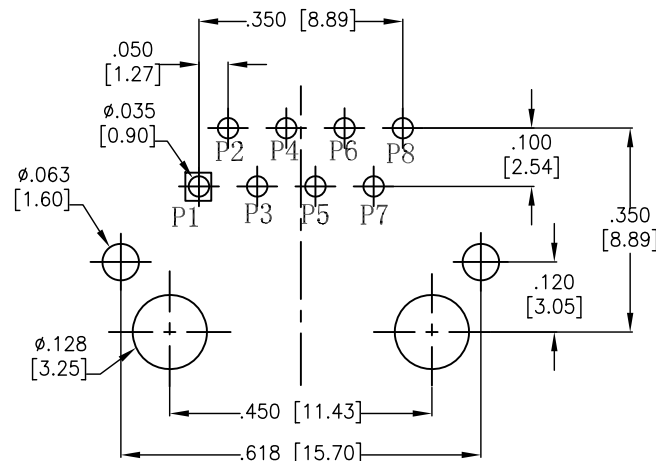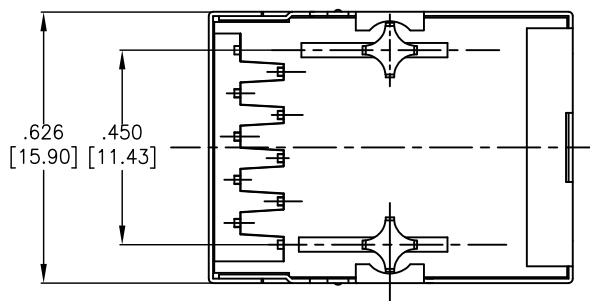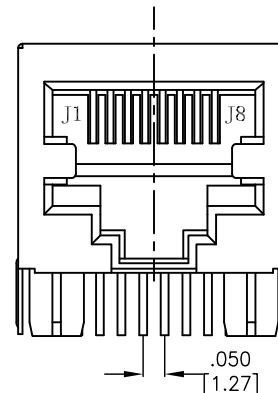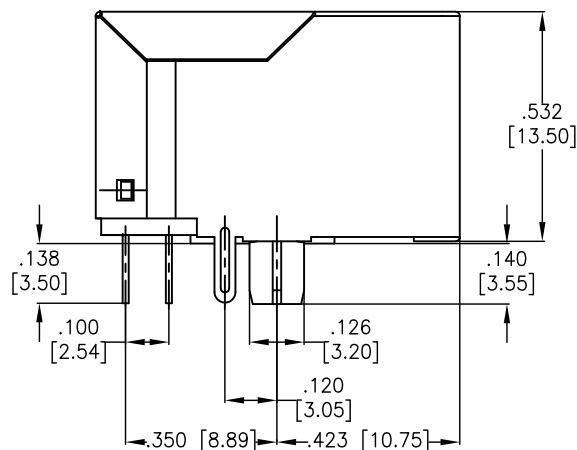
SPECIFICATIONS:
Material:
Insulator: PA66, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shield: Brass, Nickel plated
Plating:
Round contact
Gold over Nickel underplate overall
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
Electrical:
Voltage Rating: 150 VAC max
Current rating: 1.5 Amps max
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min @500 VDC
Dielectric withstanding voltage: 1500 VAC or 2250 VDC
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	ØX	±.10
.XX	± .020	ØXX	±.015
.XXX	± .015	Ø.XXX	±.010

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

TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C

APPROVALS		DATE
DRAWN	DY	5/12/10
CHECKED		
APPROVED		

SIZE: X

PART NO. MTJ-88TX1-FSD-M4

REV. A

REF: S00005C   SCALE: NTS   SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

CAP 1000pF 2KV

75ohm

P8

J8
J7

75ohm

J5
J4

1CT:1CT

75ohm   75ohm

P6

P5

P3

J6

J3

1CT:1CT

P2

P4

P1

J2

J1

Electronical Specifications:

1.0 Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
                          (P3~P6):(J3~J6) = 1:1±5%

2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS

3.0 DC Resistance:(J1~J2):(J3~J6)   1.2 OHMS MAX

4.0 Insertion Loss: 1-100MHz   -1.2dB MAX

5.0 Return Loss: 1-30MHz   -16dB MIN
                   30-60MHz   -12dB MIN
                   60-80MHz   -10dB MIN

6.0 CROSS TALK: 1-100MHz   -30dB MIN

7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz   -30dB MIN

8.0 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	DY	5/12/10
CHECKED		
APPROVED		

ADAM TECH
INTERCONNECTS

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Union, NJ 07083
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Fax: 908-687-5710

TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C

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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech](#):

[MTJ-88TX1-FSD-M4](#)