

6 5 4 3 2 1

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/26/20	

PCB  
PANEL

PANEL  
PCB

LIGHTPIPE  
LIGHTPIPE

SHIELD  
SIGNAL

**SPECIFICATIONS:**  
 Material:  
 Insulator: (PA10T) Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
 Contacts: Phosphor Bronze  
 Shield Pin: Solder With Matte Tin  
 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:  
 Current rating: 0.1 Amperes Maximum  
 Voltage rating: 48 VDC Maximum  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 2250 VDC Contact To Shield  
 Temperature Rating:  
 Operating temperature: 0°C to +70°C  
 Agency Certifications:  
 UL Recognized   
 Environmental:  
 Lead free, RoHS compliant.

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	OW	5/26/20
CHECKED	AC	5/26/20
APPROVED		

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

TITLE  
 GANGED MODULAR TELEPHONE JACK, 8P8C, 10G BASE-T,  
 2 PORT, SHIELD, PANEL GROUND, LIGHTPIPE

SIZE	PART NO.	REV.
X	MTJG-2-88CEX1-FS-PG-WLP-M370C-HT	-

REF: S00005C SCALE: NTS SHEET 1 OF 3

6 5 4 3 2 1

6

5

4

3

2

1

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SEE SHT 1 OF 3 FOR REVISION

D

D

C

C

B

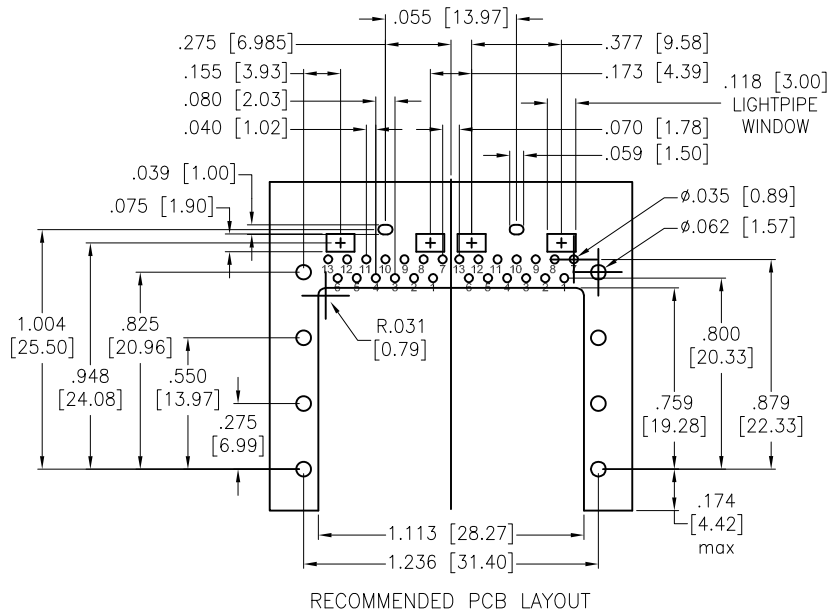
B

A

A

1	TRD1+
2	TRD1-
3	TRD3+
4	TRD3-
5	CMS+
6	CMS-
7	TRCT1
8	TRD2-
9	TRD2+
10	TRCT3
11	TRD4-
12	TRD4+
13	TCT4

PIN ASSIGNMENT (EACH PORT)



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PCB SIDE

CABLE SIDE

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.X	± .10	Ø.X	± .10
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