

6 5 4 3 2 1

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

| Rev | AWO # | Description | Date    | Appr |
|-----|-------|-------------|---------|------|
| -   |       | RELEASED    | 8/22/18 |      |

RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:  
 Insulator: (LCP) Hi-Temp thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Brass  
 Shell: SUS, Nickel plated  
 Plating:  
 Gold flash over Nickel underplate on contact area,  
 Tin over Copper underplate on solder tails.  
 Electrical:  
 Voltage rating: 150 V  
 Current rating: 0.5 Amp  
 Contact resistance: 15 mohms max.  
 Insulation resistance: 500 Mohms min.  
 Dielectric withstanding voltage: 250 VDC RMS  
 Temperature Rating:  
 -55°C to +105°C  
 Environmental:  
 Lead free, RoHS compliant.

|  |    |                                   |              |   |                 |
|--|----|-----------------------------------|--------------|---|-----------------|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE MM<br>TOLERANCES: EXCEPT AS NOTED<br>INCHES HOLES<br>.X ± .10 Ø.X ± .10<br>.XX ± .020 Ø.XX ± .015<br>.XXX ± .015 Ø.XXX ± .010 |    | <b>ADAM TECH</b><br>INTERCONNECTS |              | 909 Rahway Avenue,<br>Union, NJ 07083<br>Phone: 908-687-5000<br>Fax: 908-687-5710 |                 |
| APPROVALS  |    | DATE                              |              | TITLE   |                 |
| DRAWN  | HR | 8/22/18                           |              | MICRO USB TYPE-B PLUG, 5P, SOLDER   |                 |
| CHECKED  | IW | 8/22/18                           |              | SIZE  | PART NO.        |
| APPROVED   |    |                                   |              | X   | MCR-B-MPLUG-CS8 |
| REF: S00126T   |    | SCALE: NTS                        | SHEET 1 OF 1 |   |                 |

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