



SPECIFICATIONS:
 Material:
 Insulator: Hi-Temp Thermoplastic, PA9T, rated UL 94V-0
 Insulator color: Natural (RAL9001)
 Contacts: Phosphor Bronze
 Shell: Steel, Nickel plated
 Support: Stainless Steel
 Plating:
 Gold flash over Nickel underplate on contact area,
 Tin over Nickel underplate on solder tails.
 Electrical:
 Current Rating: 2 A @ 250 VAC
 Contact resistance: 30 mohms max
 Insulation resistance: 1,000 Mohms min.
 Dielectric withstanding voltage: 500 VAC for 1 minute
 Mechanical:
 Insertion Force: 35 N max.
 Extraction Force: 10 N min.
 Durability: 5,000 Cycles
 Solderability: Terminal shall be immersed in flux before test,
 Then dip in molten solder for 5±5sec at 245±5°C
 Environmental:
 Lead free, RoHS compliant.



*** Key point

RECOMMENDED PCB LAYOUT

PACKAGED ON TAPE & REEL

| | | | |
|---|-----------------------|--|--------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED | | <div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">≡</div> <div style="font-weight: bold; font-size: 1.5em;">ADAM</div> <div style="margin-left: 10px;">909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710</div> </div> | |
| MM | | | |
| .x | ±0.30 | .x | ±0.30 |
| .xx | ±0.20 | .xx | ±0.20 |
| .xxx | ±0.10 | .xxx | ±0.10 |
| ANG. | ±1° | HOLES | |
| APPROVALS | | DATE | |
| DRAWN | AY | 2/8/18 | |
| CHECKED | ML | 2/8/18 | |
| APPROVED | | | |
| TITLE | | UNIVERSAL SERIAL BUS 2.0, TYPE A, SINGLE PORT, RIGHT ANGLE, SMT | |
| SIZE | PART NO. | REV. | |
| X | USB-A-S-RA-SMT-HD-T/R | - | |
| REF: | S00217T | SCALE: | NTS |
| | | SHEET | 1 OF 2 |