



SPECIFICATIONS:

Material: Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shell: Stainless Steel, nickel plated
 Spring: SWP

Plating:
 Gold Flash over Nickel underplate on mating contact area,
 Tin over Copper underplate on SMT tail

Electrical:
 Current rating: 0.5 Amps min.
 Contact resistance: 100m ohms max.
 Insulation resistance: 500M ohms min @ 500 VAC
 Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:
 Operating temperature: -25°C to +85°C

Environmental:
 Lead free, RoHS compliant.

PACKAGED ON TAPE & REEL

| PIN NO. | NAME | TYPE | DESCRIPTION |
|---------|---------|--------|------------------------------|
| 1 | DATE | I/O/PP | DATE LINE (BIT2) |
| 2 | CD/DAT3 | I/O/PP | CARD DETECT DATE LINE (BIT3) |
| 3 | CMD | PP | COMMAND RESPONSE |
| 4 | VDD | S | SUPPLY VOLTAGE |
| 5 | CLX | I | CLOCK |
| 6 | VSS | S | SUPPLY VOLTAGE GROUND |
| 7 | DATE | I/O/PP | DATE LINE (BIT0) |
| 8 | DAT1 | I/O/PP | DATE LINE (BIT1) |

ADAM TECH

909 Railway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

MICRO SD SOCKET 8 PIN

| | | | |
|---|--------------------|-----------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] | | TOLERANCES: EXCEPT AS NOTED | |
| INCHES | | HOLDS | |
| .X | ± .10 | Ø.X | ± .10 |
| .XX | ± .020 | Ø.XX | ± .015 |
| .XXX | ± .015 | Ø.XXX | ± .010 |
| APPROVALS | | DATE | |
| DRAWN | AY | 9/24/13 | |
| CHECKED | NP | 9/24/13 | |
| APPROVED | | | |
| SIZE | PART NO. | SCALE | SHEET 1 OF 1 |
| X | MCSP-Q-08-A-SG-T/R | NIS | |
| REF: | S00108C | | |

