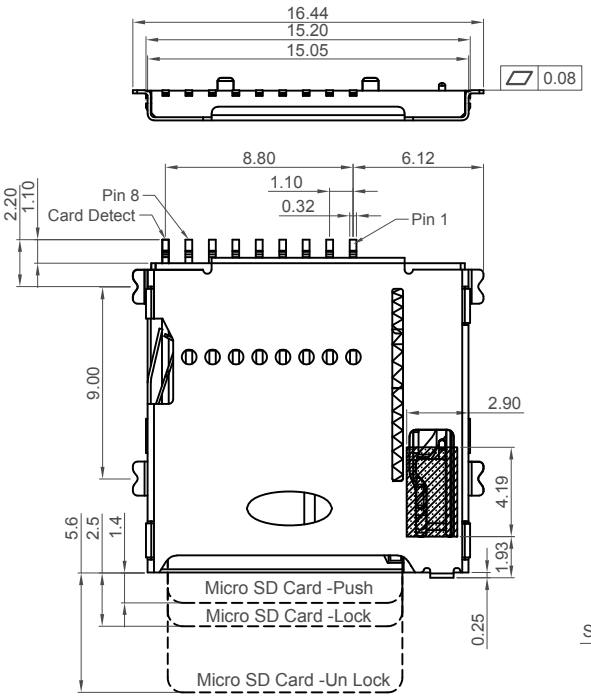
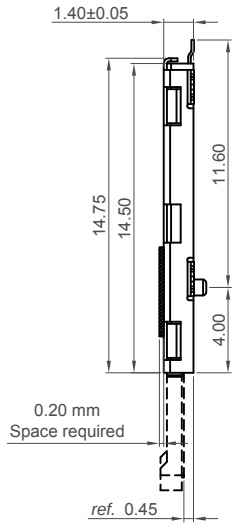
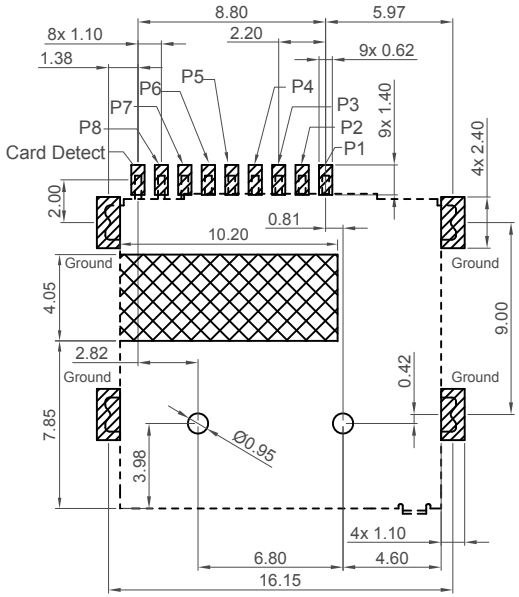


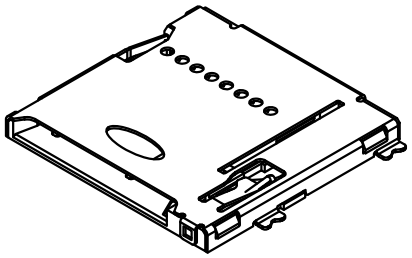




Recommended PCB Layout

*As viewed from component side* *General Tolerance: ±0.05*

Solder Area | Keep Out Area | Component Outline



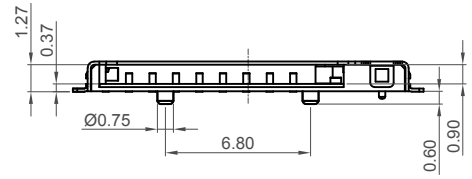
Specifications

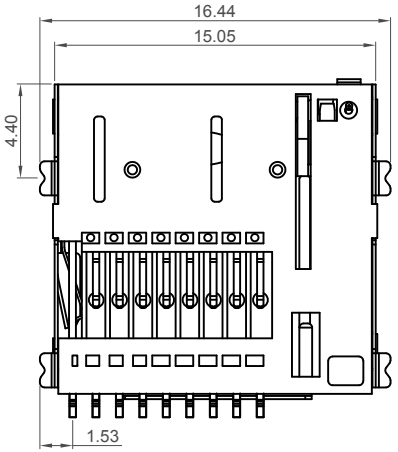
Material
- Housing: Hi-temp Thermoplastic,UL94V-0,Black
- Contact Terminal: Copper Alloy
- Metallic Shell: Stainless Steel
- Coil Spring: SWP
- Latch: Stainless Steel
- Slider: Hi-temp Thermoplastic,UL94V-0,Black
- CD Pin: Copper Alloy

Plating
- Contact Terminal&CD Pin:
  - Under-plating: 50µ" min. Nickel all over
  - Contact Area: 1u" Au min
  - Soldering Area: Gold Flash
- Metallic Shell:
  - Under-plating: 50µ" Nickel all over
  - Soldering Area: Gold Flash

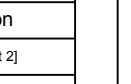
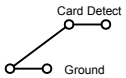
Electrical
- Voltage Rating: 30V AC/DC
- Current Rating: 0.5A per pin.
- Contact Resistance: 100mΩ max.
- Insulating Resistance: 1000MΩ min.
- Dielectric Withstand Voltage: 500 V AC

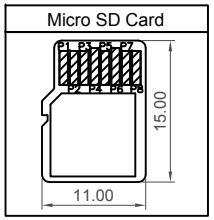
Mechanical & Environmental
- Operating Temperature: -25°C to +85°C
- Durability: 5000 Cycles
- Lock/Release Force: 10N (1.02 kgF) max




| Micro SD Card Pin Assignment | | | |
|---|---|---|---|
| Pin | Name | Type | Description |
| P1 | DAT2 | I/O/PP | Data Line [Bit 2] |
| P2 | CD/DAT3 | I/O/PP | Card Detect/Data Line [Bit 3] |
| P3 | CMD | PP | Command/Response |
| P4 | $V_{DD}$ | S | Supply Voltage |
| P5 | CLK | I | Clock |
| P6 | Vss | S | Supply Voltage Ground |
| P7 | DAT0 | I/O/PP | Data Line [Bit 0] |
| P8 | DAT1 | I/O/PP | Data Line [Bit 1] |

| Card Detect Switch Circuit | |
|---|---|
|   |   |
| Without Card (Normally Open) | Card Inserted |




Ordering Grid

MEM2075 — 00 — 140 — 01 — A

Request Samples and Quotation

Switch
00 = Normally Open

Locating Post
01 = With

Packing Options
A = Tape & Reel *(1000 per Reel)*

| Part Number | Product Description |
|---|---|
| MEM2075 | Micro SD Memory Card Connector,1.40mm Profile SMT, Push-Push, with Normally open Switch |
| Drawing Date | |
| 19th December 2017 | |

| By | CC | Tolerances (Except as Noted) Length | Angle | Units: Metric (mm) |
|---|---|---|---|---|
| Detail | Drawing Release | X.X ±0.25 X.XX ±0.15 X.XXX ±0.100 | ±1° | 3rd Angle Projection |
| Revision | A1 | | | |
| Date | 10/09/20 | | | |

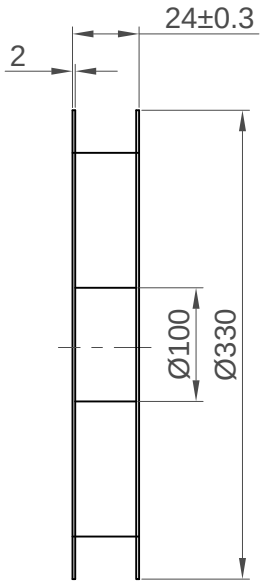
RoHS COMPLIANT 2011/65/EU Deca-BDE

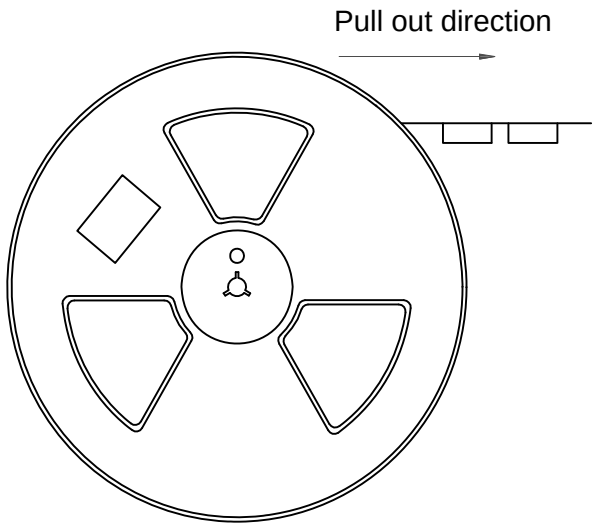
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GCT www.gct.co

| Not to Scale | Drawn By CC | Sheet No. 1/2 |
|---|---|---|

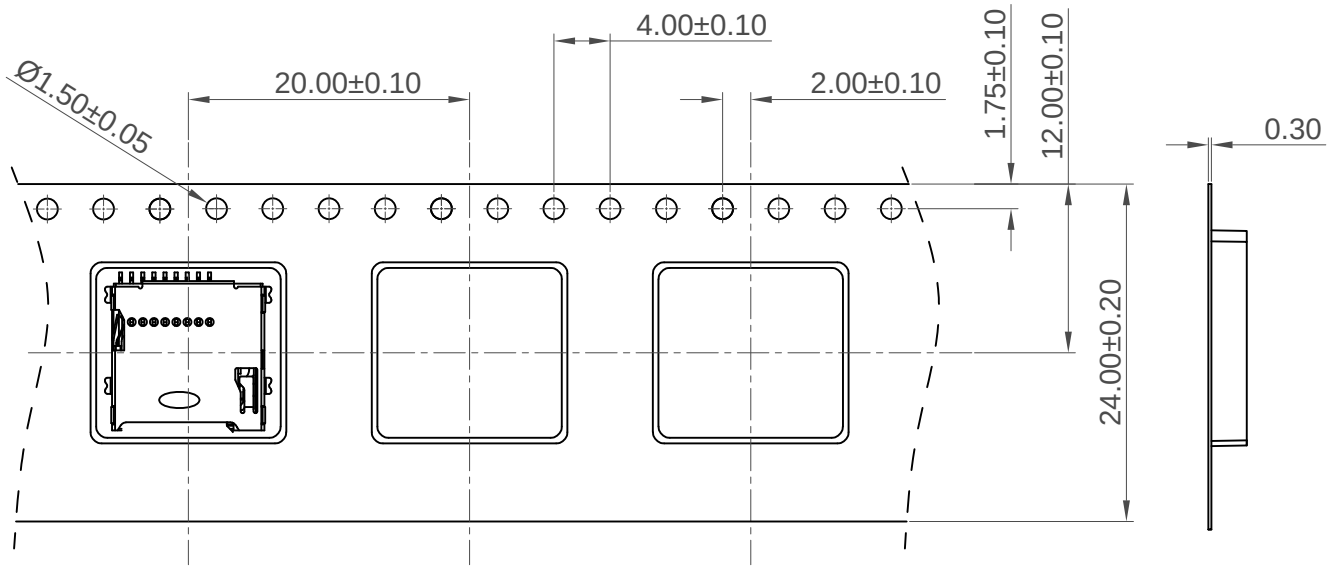
Downloaded from Arrow.com.




| Pcs/Reel | Reels/Carton | Pcs/Carton | Carton Dimensions |
|---|---|---|---|
| 1000 | 10 | 10000 | 345 x 345 x 315mm |

Quantity:1000 pcs/Reel




Note: All dimensions meet EIA-481-B requirements.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Part Number: MEM2075 | | Product Description: Micro SD Memory Card Connector,1.40mm Profile SMT, Push-Push, with Normally open Switch | | | | | |
| Drawing Date: 19th December 2017 | | | | | | | |
| By | CC | Tolerances (Except as Noted) Length | Angle | Units: Metric (mm) | RoHS COMPLIANT 2011/65/EU Deca-BDE | This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE | www.gct.co |
| Detail | Drawing Release | X.X ±0.38 X.XX ±0.25 X.XXX ±0.100 | ±1° | 3rd Angle Projection | | | Not to Scale / Drawn By CC / Sheet No. 2/2 |
| Revision | A1 | | | | | | |
| Date | 10/09/20 | | | | | | |

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