



**SPECIFICATIONS**

Current Rating: 0.5A  
 Voltage Rating: 40V  
 Contact Resistance: 30 milliohms max  
 Insulation Resistance: Unmated: 100M ohms min at 500VDC  
 Mated: 10M ohms min at 150VDC  
 Shell Material: Stainless Steel  
 Contacts: Copper Alloy  
 Housing: High Temp Plastic UL94V-0  
 Insertion Force: 44 in Max.  
 Extraction Force: 9.8n min 39.2N max  
 Durability: 10000 Cycles  
 Withstanding: 300V AC/ 1 minute

| Series                 | Type   | Style                       | Shell Plating            | Contact Plating                                 | Packing                                       |
|------------------------|--------|-----------------------------|--------------------------|---|---|
| DPC                    | M      | A512001                     | X                        | SGXX  | XX  |
| Display Port Connector | M=Mini | A512001 with Centering Pegs | N=Nickel<br>G=Gold Flash | SG=Selective Gold<br>XX=flash if blank, 15,30u" | MTY=Tray, w/mylar<br>MTR=Tape & Reel, w/mylar |

**RoHS compliant**

| Rev. | Description | Date | Approved | Drawing    | Name        | Date        |
|------|-------------|------|----------|------------|-------------|-------------|
|      |             |      |          | Approved   | Howard      | 02/05/13    |
|      |             |      |          | Checked    | Lizzy       | 02/05/13    |
|      |             |      |          | Drawn      | Tina        | 02/05/13    |
|      |             |      |          | 0.0 ± 0.35 | 0.00 ± 0.20 | Angles ± 3' |
|      |             |      |          | UNIT: mm   |             |             |

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Part No.: **DPC-M-A512001-X-SGXX-XX**

Description: Mini Display Port 20P-F