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Part Number: [0473883001](#)
Status: **Active**
Description: 2.54mm (.100") Pitch SIM Card Connector, 6 Circuits, Surface Mount, with PCB Retention Solder Tabs, with Cover Shell, Housing Height 1.90mm (.075"), with 4 Dimples and Guide Rail, Lead Free

Documents:

[3D Model](#) [Product Specification PS-47388-301 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | Memory Card Sockets |
| Series | 47388 |
| Button Type | N/A |
| Comments | With 4 Dimples and Guide Rail; Overall Connector Length 22.75mm (.90") |
| Component Type | Card Holder (Host) |
| Product Name | SIM |
| Type | N/A |

Physical

| | |
|--------------------------------|--------------------------------|
| Card Detection Switch | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 5,000 |
| Ejector Button Side | No Ejector Button Present |
| Entry Angle | Horizontal |
| Keying to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| PCB Locator | No |
| PCB Mounting Side | Reverse |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface (in) | 0.100 In |
| Pitch - Mating Interface (mm) | 2.54 mm |
| Pitch - Term. Interface (in) | 0.100 In |
| Pitch - Term. Interface (mm) | 2.54 mm |
| Plating min: Mating (µin) | 29.5 |
| Plating min: Mating (µm) | 0.75 |
| Plating min: Termination (µin) | 150 |
| Plating min: Termination (µm) | 3.80 |
| Ports | 1 |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 0.05A |
| Shielded | Yes |
| Voltage - Maximum | 5V |

Material Info

Reference - Drawing Numbers

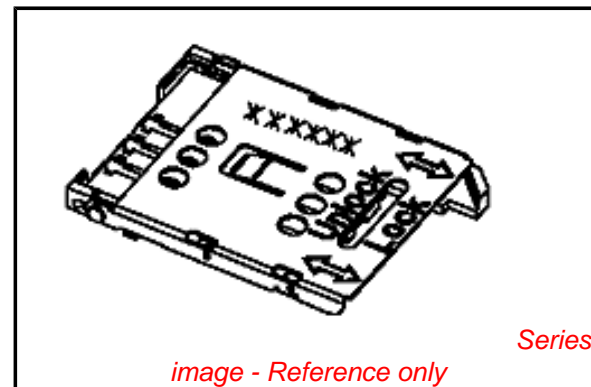


image - Reference only

EU RoHS

RoHS Compliant by Exemption
REACH SVHC Not Reviewed
Halogen-Free Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

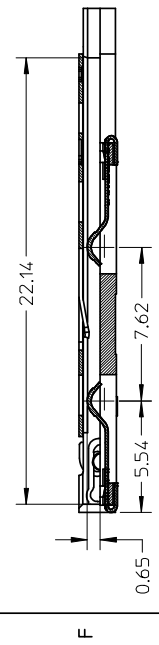
Search Parts in this Series
[47388Series](#)

Mates With
 Standard SIM Card

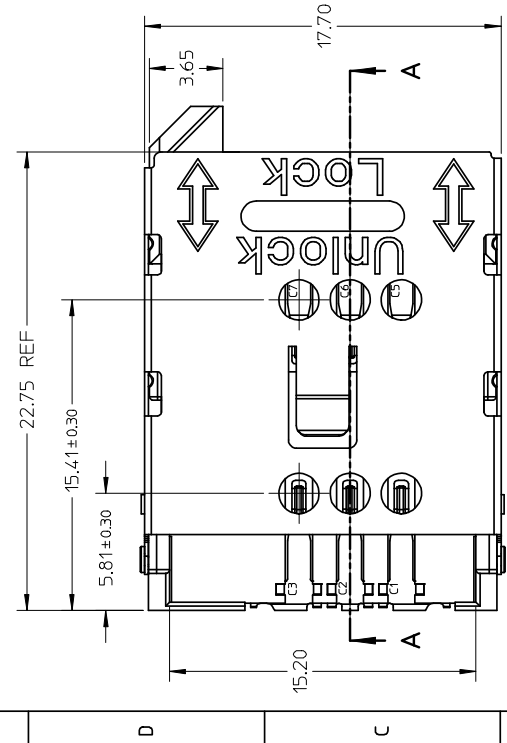
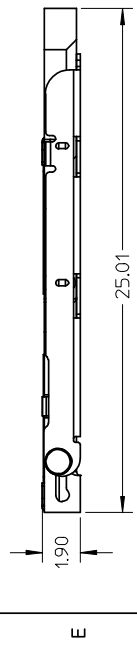
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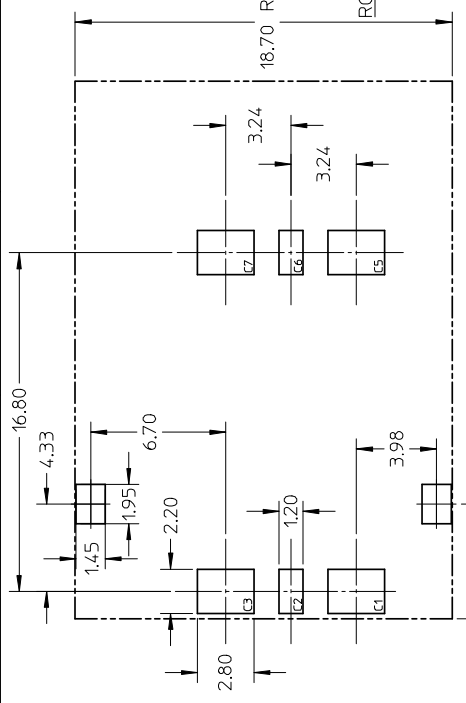


SECTION A-A

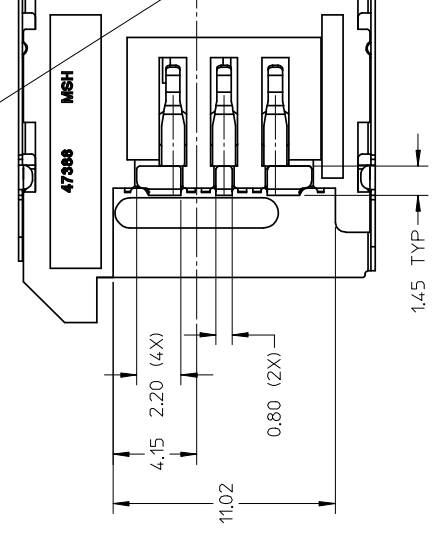
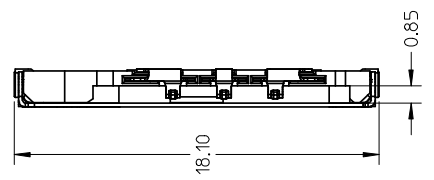


NOTES:

1. MATERIALS:
HOUSING: LCP, GLASS FILLED; UL 94V-0, COLOR IS BLACK.
TERMINAL: PHOSPHOR BRONZE, THICKNESS: 0.15mm.
COVER SHELL: STAINLESS STEEL, THICKNESS: 0.2mm.
ROLLER PIN: BRASS
FITTING NAIL: BRASS THICKNESS 0.2mm
2. FINISH:
TERMINAL:
CONTACT AREA: 0.75 MICRON GOLD PLATE OVER 1.27 MICRON MIN NICKEL.
SOLDER AREA: 3.8 MICRON TIN PLATE OVER 1.27 MICRON MIN NICKEL.
ROLLER PIN: 2.54 MICRON MIN NICKEL OVERALL.
FITTING NAIL: 2.54 MICRON MIN TIN OVER 1.27 MICRO NICKEL OVERALL
3. COPLANARITY: 0.1 MAX. AMONG ALL SOLDER TAILS.
4. PRODUCT SPECIFICATION: PPS-47388-301
5. PACKAGING INFORMATION: PK-47388-001



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05



| | | | | | |
|--|---------------------------------------|---------------------------|-----------------------------------|---------------------------------|--------------|
| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 4:1 |
| | 4 PLACES ±--- | ±--- | mm | INCH | TITLE |
| | 3 PLACES ±--- | ±--- | mm | INCH | DATE |
| | 2 PLACES ±0.25 | ±--- | mm | INCH | DATE |
| 1 PLACE ±--- | ±--- | mm | INCH | DATE | DATE |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. 473883001 | | APPROVED BY HWANG 2007/07/09 | |
| RELEASED | | FC NO: SH2008-0464 | | MATERIAL NO. 473883001 | |
| DRW: YWANG91 2008/06/30 | | CHK: YLZHU 2008/07/01 | | DRAWN BY YWANG 2007/07/09 | |
| APPR: HWANG 2008/07/23 | | DESCRIPTION REV | | CHECKED BY XI XU 2007/07/09 | |

td_frame_A3_P_AM_1 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | Rev. D 2004/06/28

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