



THIS SERIES FULLY CONFORMS TO THE EUROPEAN UNION DIRECTIVES 2011/65/EU FOR ROHS COMPLIANCY.

| ISSUE NUMBER | ORIGINAL  |
|--------------|---|
| ①            |   |
| ④            | ROHS STATEMENT ADDED R.B.LAKELY NOV.06/05                         |
| ⑤            | PCB LAYOUT PIN NO. AND DIM. 405(10.28) ADDED R.STAMONICA MAY12/10 |
| ⑥            | ADD ELECTRICAL SPECIFICATIONS R.STAMONICA JUL.14/10               |
| ⑦            | UPDATE METAL SHELL PROFILE (NEW TOOLING) R.STAMONICA JUL.08/2014  |
| ⑧            | UPDATE SPECIFICATIONS N.SONDH JAN.03/2017                         |

**MATERIALS:**

SHELL: COPPER ALLOY, NICKEL PLATED  
 CONTACTS: COPPER ALLOY GOLD PLATED ON CONTACT AREA  
 TIN ON TAIL ENDS (SEE CHART BELOW).  
 INSULATOR: THERMOPLASTIC

**PART NUMBER: 690-004-221-023**

- CONTACT PLATING ——— CONTACT CODE  
 2 GOLD FLASH 405(10.28) FOOTPRINT  
 3 15 MICRONS OF GOLD  
 6 30 MICRONS OF GOLD

**ELECTRICAL SPECIFICATIONS:**

- CURRENT RATING: 1.5A
- CONTACT RESISTANCE: 30mΩ MAX
- INSULATION RESISTANCE: 1000MΩ MIN
- WITHSTANDING VOLTAGE: 500VAC FOR 1 MINUTE
- OPERATING TEMPERATURE: 0°C TO +70°C
- STORAGE TEMPERATURE: -20°C TO +70°C
- MATING FORCE: 35 N MAX
- UNMATING FORCE: 10 N MIN (INITIAL)
- MAX WAVE SOLDER TEMP: 245°C±5°C FOR 5±1.0 SECONDS

**USB CONNECTOR B TYPE, RIGHT ANGLE, SINGLE DECK**

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| ACAD REFERENCE NO.     | 690-004-221-023 |
| DRAWN: F.JAWDI         | DATE: AUG. 9/02 |
| CHECKED:               | DATE:           |
| SCALE: (IN C.A.D. 1:1) | SHEET 1 OF 1    |
| DRAWING NUMBER         | ISSUE           |
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