



**ELECTRICAL CHARACTERISTICS**

- Impedance: 50 Ohm
- Working frequency: 1GHz max
- Dielectric with standing voltage: 600V
- Insulation resistance 5000: 14 Ohm
- Contact resistance < 5 mOhm
- Insertion loss: < 0.2 dB

**MECHANICAL CHARACTERISTICS**

- Mating force per set of contact 0.4 N to 9 N
- Mating endurance 500
- Temperature -55°C to +125 °C

**TOOLING**

- Coaxial contact extraction tool 8630-07A

|              |                               |                    |                     |                    |                     |                                       |
|--------------|-------------------------------|--------------------|---------------------|--------------------|---------------------|---------------------------------------|
| DM537403NCLF | STRAIGHT MALE COAXIAL CONTACT | 2.75               | 4.00                | 4.40               | 5.45                | RG 195 A/U<br>RG 180 B/U              |
| DM53740NCLF  | STRAIGHT MALE COAXIAL CONTACT | 1.00               | 1.75                | 2.32               | 3.20                | RG 196 A/U<br>RG 178 B/U              |
| DM537401NCLF | STRAIGHT MALE COAXIAL CONTACT | 1.70               | 2.46                | 3.13               | 3.84                | RG 188 A/U<br>RG 179 B/U<br>RG 316 /U |
| PART NUMBER  | DESIGNATION                   | $\phi A^{+0.10}_0$ | $\phi B^{\pm 0.05}$ | $\phi C^{+0.10}_0$ | $\phi D^{\pm 0.10}$ | CABLE REF.                            |

**NOTE:RoHS INFORMATIONS**

- The "LF" product meets European union Directives and other country regulations as described in GS-22-008.
- The product is not intended to be exposed to a manufacturing solder process.
- Packaging spec: see GS-14-920.

| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| A   | LS05-0086 | MPE | 2005/10/14 |
| B   | LS05-0107 | MPE | 2005/12/20 |
| C   | LS07-0001 | LGO | 2007/01/09 |
| D   | F10-0086  | LSA | 2010/08/20 |
| -   | -         | -   | -          |
| -   | -         | -   | -          |
| -   | -         | -   | -          |

|   |        |                       |                                   |                |                  |
|---|--------|-----------------------|-----------------------------------|----------------|------------------|
| www.fciconnect.com                            |        | surface<br>ISO 1302 ✓ | tolerance std<br>ISO 406 ISO 1101 | projection<br> | mm<br>↔          |
| TOLERANCES UNLESS OTHERWISE SPECIFIED         |        |                       |                                   |                |                  |
| Dr  | PESSON | 2005/10/14            | ANGULAR                           | 0.X            | ±0.1             |
| Eng   | PESSON | 2005/10/14            | LINEAR                            | 0.XX           | ±0.1             |
| Chr   | LEGARE | 2005/10/14            | 0.XX ±2                           | 0.XXX          | ±0.1             |
| Appr  | LEGARE | 2005/10/14            | Product family                    | D-SUB          | Spec ref -       |
| title<br><b>STRAIGHT MALE COAXIAL CONTACT</b> |        |                       | dwg no<br><b>C01-8639-2153</b>    |                | Rev.<br><b>D</b> |
| catalog no                                    |        |                       | CUSTOMER sheet 1 of 1             |                |                  |