



ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

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

TOOLING

- Coaxial contact extraction tool 8630-07A

| | | | | | | |
|--------------|---------------------------------|--|---------------------------|--|---------------------------|--------------------------------------|
| DM53742NCLF | STRAIGHT SOCKET COAXIAL CONTACT | 1.00 | 1.75 | 2.32 | 3.20 | RG 178 B/U RG 196 A/U |
| DM537423NCLF | STRAIGHT SOCKET COAXIAL CONTACT | 2.75 | 4.00 | 4.40 | 5.45 | RG 180 B/U RG 195 A/U |
| DM537421NCLF | STRAIGHT SOCKET COAXIAL CONTACT | 1.70 | 2.46 | 3.13 | 3.84 | RG 188 A/U RG 179 B/U RG 316 U |
| Part Number | Designation | ϕA ^{+0.10} ₀ | ϕB ^{±0.05} | ϕC ^{+0.10} ₀ | ϕD ^{±0.10} | Ref cable |

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 | 2005/10/12 |
| B | LS05-0107 | MPE | 2005/12/20 |
| C | LS07-0001 | MPE | 2007/01/09 |
| D | F10-0086 | LSA | 2010/08/06 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

| | | | | | |
|---|--------|-----------------------|-----------------------------------|------------------|------------------|
| www.fciconnect.com | | surface ISO 1302 ✓ | tolerance std ISO 406 ISO 1101 | projection A3 | mm |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | | |
| Dr | PESSON | 2005/10/12 | ANGULAR | 0.X | ±0.1 |
| Eng | PESSON | 2005/10/12 | LINEAR | 0.XX | ±0.1 |
| Chr | LEGARE | 2005/10/12 | 0.XX ±2 | 0.XXX | ±0.1 |
| Appr | LEGARE | 2005/10/12 | Product family D-SUB Spec ref - | | |
| title STRAIGHT SOCKET COAXIAL CONTACT | | | dwg no C01-8639-2146 | | Rev. D |
| catalog no | | | CUSTOMER sheet 1 of 1 | | |



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