# DCS-1



# 9.5 mm female and male terminals

# Features

- DCS-1 technology
- 12.0 mm pitch for unsealed applications
- 12.5 mm pitch for sealed application with single wire seal
- Auxiliary steel spring in CrNi
- High current carrying capacity (up to 75 A at +23°C)
- Protected contact springs
- Compatible with single wire sealing
- Silver-plated versions possible



## Performance characteristics\*

<ul> <li>Contact resistance:</li> </ul>	$<$ 3 m $\Omega$		
Contact mating force:	< 21 N		
Contact unmating force:	< 15 N		

 Current carrying capacity with 10 mm² wire:

at 23°C up to approx.: 75 A at 85°C up to approx.: 50 A at 100°C up to approx.: 40 A

\* Mated with 9.5 x 1.2 mm DCS-1 male terminal (Sn)

### **Packing**

- No. of terminals per reel: Consult us
- No. of reels per packing: Consult us

# **Tooling**

• Manual crimping tool:	Consult us
Mini applicator:	Consult us

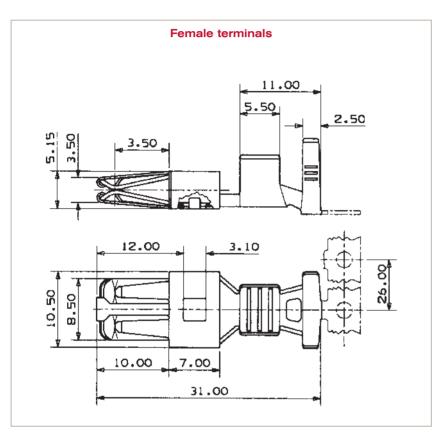
Part Numbers	Туре	Wire size range (in mm2)		Insulation Ø (in mm)	Material	Plating
		Min.	Max.	Max.		
6 007 02 51	Female	2.50	4.00	3.70 (FLRY wire)	CuCrSiTi/CrNi	Sn
6 007 02 61	Female	> 4.00	6.00	4.30 (FLRY wire)	CuCrSiTi/CrNi	Sn
6 007 02 71	Female	> 6.00	10.00	6.40 (FLRY wire)	CuCrSiTi/CrNi	Sn
6 017 02 51	Male	2.50	4.00	3.70 (FLRY wire)	CuSn	Sn
6 017 02 61	Male	> 4.00	6.00	4.30 (FLRY wire)	CuSn	Sn
6 017 02 71	Male	> 6.00	10.00	6.40 (FLRY wire)	CuSn	Sn

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# Dimensional characteristics



# Male terminals 27.00 41.00 2.50 2.50 2.50 2.50 3.10

### Notes: