



Product Applications

DCS-1



Terminal System Overview



Housing Overview

9.5 mm female terminal (box version)

Features

- DCS-1 technology
- 12.0 mm pitch for unsealed application
- 12.5 mm pitch for sealed application with single wire seal
- Version with locking lances
- Long Box/Long auxiliary steel spring in CrNi
- High current carrying capacity (up to 80 A at +23° C)
- Protected contact springs
- Compatible with single wire sealing
- Crimp code on terminal



Performance characteristics*

- Contact resistance: < 3 mΩ
- Contact mating force: < 22 N
- Contact unmating force: < 16 N
- Current carrying capacity with 10 mm² wire:
 - at 23° C up to approx.: 80 A
 - at 85° C up to approx.: 55 A
 - at 100° C up to approx.: 45 A

*Mated with 9.5 x 1.2 mm DCS-1 male terminal

Packing

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

Tooling

- Hand crimping tools
- Automatic crimping tools

[Click here to see DCS housings](#)

Part Numbers	Type	Wire size range (in mm ²)		Insulation Ø (in mm) Max.	Material	Plating
		Min.	Max.			
6 007 04 51	Female	> 2.50	4.00	3.70 FLRY	CuCrSiTi/CrNi	Sn
6 007 04 61	Female	> 4.00	6.00	4.30 FLRY	CuCrSiTi/CrNi	Sn
6 007 04 71	Female	> 6.00	10.00	6.40 FLRY	CuCrSiTi/CrNi	Sn



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