



Product
Applications



Terminal
System
Overview



Housing
Overview

DCS-1



6.3 mm female terminals

Features

- DCS-1 technology
- 8 mm pitch for sealed/unsealed application
- Auxiliary steel spring in CrNi
- High current carrying capacity (up to 50 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: < 15 N
- Contact unmating force: < 12 N
- Current carrying capacity with 4.0 mm² wire:
 - at 23° C up to approx.: 50 A
 - at 85° C up to approx.: 32 A
 - at 100° C up to approx.: 26 A

*Mated with 6.3 x 0.8 mm pin (Sn)

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 or Color
		Min.	Max.			
6 004 00 31	Female	0.50	1.00	1.30 (FLRY wire)	CuCrSiTi/CrNi	Sn
6 004 00 41	Female	> 1.00	2.50	3.00 (FLRY wire)	CuCrSi Ti/CrNi	Sn
6 004 00 51	Female	> 2.50	4.00	3.70 (FLRY wire)	CuCrSiTi/CrNi	Sn
6 004 00 61	Female	> 4.00	5.00	4.20 (AWG wire)	CuCrSiTi/CrNi	Sn
6 099 26 07	SWS	0.50	1.00	1.30 - 2.30		Green
6 099 26 04	SWS	1.00	2.50	2.10 - 3.20		Yellow
6 099 26 06	SWS	2.50	4.00	3.10 - 5.55		White
6 099 26 02	Blind plug					Brown





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Dimensional characteristics

Notes :

