

## 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\*

<ul><li>Contact resistance:</li></ul>	$<$ 3 m $\Omega$
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

#### **Packing**

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

#### **Tooling**

- Hand crimping tools
- Automatic criping tools

Click here to see DCS housings

Part Numbers	Туре		ize range mm²)	Insulation Ø (in mm)	Material	Plating
		Min.	Max.	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



<sup>\*</sup>Mated with 9.5  $\times$  1.2 mm DCS-1 male terminal



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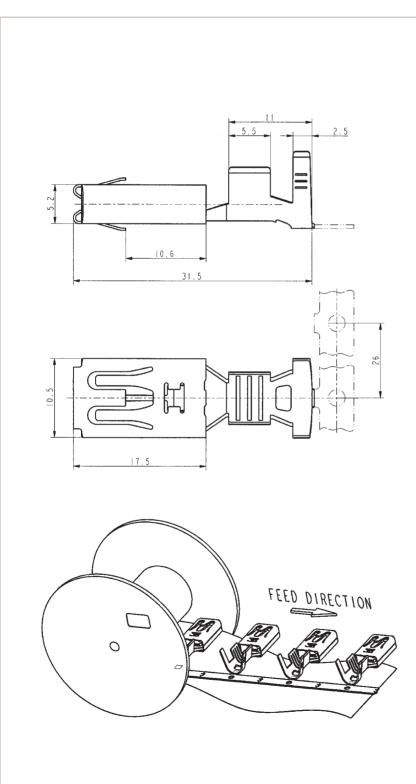
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# Dimensional characteristics



Notes			