

## DCS-1



## 2.8 mm female terminals (power version)

## Features

- DCS-1 technology
- Long auxiliary steel spring in CrNi
- 5 mm pitch for unsealed application
- 6 mm pitch for sealed application with single wire seal
- Crimp code on terminal



## Performance characteristics\*

- Contact resistance: < 3 mΩ
- Contact mating force: < 10 N
- Contact unmating force: < 7 N
- Current carrying capacity with 2.5 mm<sup>2</sup> wire:
 

|                         |      |
|-------------------------|------|
| at 23°C up to approx.:  | 28 A |
| at 85°C up to approx.:  | 17 A |
| at 100°C up to approx.: | 14 A |

\* Mated with 2.8 x 0.8 mm DCS-1 male terminals (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 | Type   | Wire size range<br>(in mm <sup>2</sup> /AWG) |      | Insulation Ø<br>(in mm)<br>Max. | Material  | Plating |
|--------------|--------|----------------------------------------------|------|---------------------------------|-----------|---------|
|              |        | Min.                                         | Max. |                                 |           |         |
| 6 001 05 11  | Female | 0.22                                         | 0.35 | 1.30 (FLRY wire)                | CuSn/CrNi | Sn      |
| 6 001 05 31  | Female | 0.50                                         | 1.00 | 2.10 (FLRY wire)                | CuSn/CrNi | Sn      |
| 6 001 05 41  | Female | > 1.00                                       | 2.50 | 3.00 (FLRY wire)                | CuSn/CrNi | Sn      |

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*Dimensional characteristics*

Notes :

