




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TITLE		DIMENSION IN MILLIMETERS <b>A3</b>	DWG SIZE
<b>Terminal 2.8 DCSI Female</b>	CATALOG NUMBER	 SHEET <b>1</b> of <b>1</b>	
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**DCS-1 Standard female 2.8 mm terminal**

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**Specifications**

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

**General**

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Standard Version Low Contact Mating Force Short Auxiliary Steel Spring in CrNi

**Dimensional**

Contact Pitch	5 mm unsealed/6 mm with SWS
---------------	-----------------------------

**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	1.3 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	0.22 - 0.35 mm <sup>2</sup>
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Sn
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200203
Tradename	DCS
Disclaimer	Displayed data is for information purposes only. For more information, please contact your local sales office. The supply of some products might be limited to some customers.

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## Specifications

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

**General**

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Short Auxiliary Steel Spring in CrNi Standard Version

**Dimensional**

Contact Pitch	5 mm Unsealed/6 mm with SWS
---------------	-----------------------------

**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	1.3 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	0.22 - 0.35 mm <sup>2</sup>
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Au
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200201
Tradename	DCS
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## Specifications

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

**General**

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Short Auxiliary Steel Spring in CrNi Standard Version

**Dimensional**

Contact Pitch	5 mm Unsealed/6 mm with SWS
---------------	-----------------------------

**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	2.1 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	0.5 - 1 mm2
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Sn
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200301
Tradename	DCS
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## Specifications

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

### General

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Short Auxiliary Steel Spring in CrNi Standard Version

### Dimensional

Contact Pitch	5 mm Unsealed/6 mm with SWS
---------------	-----------------------------



**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	2.1 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	0.5 - 1 mm2
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Au
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200202
Tradename	DCS
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## Specifications

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

### General

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Short Auxiliary Steel Spring in CrNi Standard Version

### Dimensional

Contact Pitch	5 mm Unsealed/6 mm with SWS
---------------	-----------------------------

**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	3 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	> 1 - 2.5 mm <sup>2</sup>
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Sn
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200302
Tradename	DCS
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**Specifications**

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

**General**

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Short Auxiliary Steel Spring in CrNi Standard Version

**Dimensional**

Contact Pitch	5 mm Unsealed/6 mm with SWS
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**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	1.3 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	0.22 - 0.35 mm <sup>2</sup>
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Au
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200201
Tradename	DCS
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General Dimensional Electrical Mechanical Physical Environmental **Other Features**

### General

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Terminal size (in mm)	2.8
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### Dimensional

Contact Pitch	5 mm Unsealed/6 mm with SWS
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**Electrical**

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Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	2.1 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	0.5 - 1 mm2
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Au
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200202
Tradename	DCS
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**Specifications**

General Dimensional Electrical Mechanical Physical Environmental **Other Features**

**General**

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Short Auxiliary Steel Spring in CrNi Standard Version

**Dimensional**

Contact Pitch	5 mm Unsealed/6 mm with SWS
---------------	-----------------------------



**Electrical**

Current Carrying Capacity at 23°C	28A
Current Carrying Capacity at 85°C	17A
Current Carrying Capacity at 100°C	14A
Maximum Insulation (in mm)	3 (FLRY wire)
Resistance (Contact)	< 3

**Mechanical**

Range of Wire Gauge Min - Max	> 1 - 2.5 mm <sup>2</sup>
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

**Physical**

Plating	Sn
Material	CuSn/CrNi

**Environmental**

IMDS	No
------	----

**Other Features**

Type	Female
Crimping Tool	65200302
Tradename	DCS
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