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TITLE		DIMENSION IN MILLIMETERS A3	DWG SIZE
Terminal 2.8 DCS-Box Female	CATALOG NUMBER	 SHEET 1 of 1	
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DCS-1 Box 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
	Protected Contact Spring

Features	Low Contact Mating Force Box Version Long Box in CuSn Lanceless Design
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 ²
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N
Physical	
Plating	Sn
Material	CuSn/CuSn
Environmental	
IMDS	No
Other Features	
Type	Female
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	Protected Contact Spring Low Contact Mating Force Box Version Long Box in CuSn Lanceless Design

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 ²
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

Physical

Plating	Au
Material	CuSn/CuSn

Environmental

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

Other Features

Type	Female
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
	Low Contact Mating Force

Features	Box Version Long Box in CuSn Lanceless Design Protected Contact Spring
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 mm ²
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N
Physical	
Plating	Sn
Material	CuSn/CuSn
Environmental	
IMDS	No
Other Features	
Type	Female
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
	Low Contact Mating Force

Features	Box Version Long Box in CuSn Lanceless Design Protected Contact Spring
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 mm ²
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N
Physical	
Plating	Au
Material	CuSn/CuSn
Environmental	
IMDS	No
Other Features	
Type	Female
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
	Protected Contact Spring

Features	Low Contact Mating Force Box Version Long Box in CuSn Lanceless Design
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 ²
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N
Physical	
Plating	Sn
Material	CuSn/CuSn
Environmental	
IMDS	No
Other Features	
Type	Female
Tradename	DCS
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General Dimensional Electrical Mechanical Physical Environmental **Other Features**

General

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Protected Contact Spring Low Contact Mating Force Box Version Long Box in CuSn Lanceless Design

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
Resistance (Contact)	< 3

Mechanical

Range of Wire Gauge Min - Max	AWG 22
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

Physical

Plating	Sn
Material	CuSn/CuSn

Environmental

IMDS	No
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Other Features

Type	Female
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	Protected Contact Spring Low Contact Mating Force Box Version Long Box in CuSn Lanceless Design

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
Resistance (Contact)	< 3

Mechanical

Range of Wire Gauge Min - Max	AWG 22
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

Physical

Plating	Au
Material	CuSn/CuSn

Environmental

IMDS	No
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Other Features

Type	Female
Crimping Tool	65200413
Tradename	DCS
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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 Box Version Long Box in CuSn Lanceless Design Protected Contact Spring

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)	2.06 (AWG wire)
Resistance (Contact)	< 3

Mechanical

Range of Wire Gauge Min - Max	AWG 20 - B - 18B
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

Physical

Plating	Sn
Material	CuSn/CuSn

Environmental

IMDS	No
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Other Features

Type	Female
Tradename	DCS
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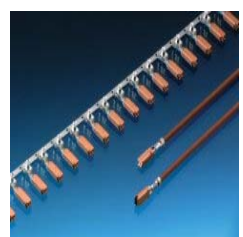
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Specifications

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 Box Version Long Box in CuSn Lanceless Design Protected Contact Spring

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)	2.06 (AWG wire)
Resistance (Contact)	< 3

Mechanical

Range of Wire Gauge Min - Max	AWG 20 - B - 18 B
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

Physical

Plating	Au
Material	CuSn/CuSn

Environmental

IMDS	No
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Other Features

Type	Female
Crimping Tool	65200414
Tradename	DCS
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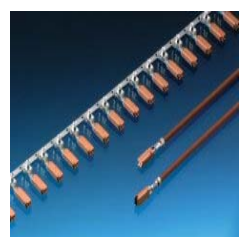
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General Dimensional Electrical Mechanical Physical Environmental **Other Features**

General

Product Type	Terminal System
Terminal size (in mm)	2.8
Family	DCS-1
Features	Low Contact Mating Force Box Version Long Box in CuSn Lanceless Design Protected Contact Spring

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)	2.69 (AWG wire)
Resistance (Contact)	< 3

Mechanical

Range of Wire Gauge Min - Max	AWG 16 - B - 14B
Contact mating force	< 9N
Single Wire Seal Compatible	Compatible
Contact unmating force	< 6N

Physical

Plating	Sn
Material	CuSn/CuSn

Environmental

IMDS	No
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Other Features

Type	Female
Tradename	DCS
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