

D-SUB bus connector - SUBCON 37L/F-SH - 5604027

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D-SUB connector, 37-pos., female connector, one cable entry <35°, universal type for all systems, pin assignment: 1, 2, 3, ..., 36, 37 to screw-connection terminal block

The figure shows version

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 606370
GTIN	4046356606370
Weight per Piece (excluding packing)	114.000 g
Custom tariff number	85366990
Country of origin	United States

Technical data

Dimensions

Max. cable diameter	12.7 mm
Min. cable diameter	4 mm
Width	16.3 mm
Height	63.2 mm
Length	99.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

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Technical data

Ambient conditions

Altitude	5000 m (For restrictions see manufacturer's declaration)
Degree of protection	IP20

General

Nominal voltage U_N	48 V AC/DC
Nominal current I_N	1 A
Signal	Point-to-point
Insertion/withdrawal cycles	> 50
SUBCON fixing screws	4-40 UNC
Tightening torque	0.4 Nm
Housing material	ABS, metal-plated
Pin assignment	All connections are 1:1 on the screw terminal block

Connection data

Connection	D-SUB connection
Number of positions	37
Connection method	D-SUB connector
Connection	PCB connection
Connection method	Screw connection
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	18
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Stripping length	5 mm
Tightening torque	0.4 Nm

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	27140816
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Classifications

eCl@ss

eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440302
eCl@ss 9.0	27440302

ETIM

ETIM 3.0	EC001132
ETIM 4.0	EC001132
ETIM 6.0	EC001132
ETIM 7.0	EC001132

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121522
UNSPSC 19.0	39121522