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Find the *Phoenix Contact SUBCON 37L/F-SH* at our website: ***Click HERE***

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

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The figure shows version

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

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

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Technical data

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 mm²
Conductor cross section flexible max.	1 mm²
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
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

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424

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Classifications

eCl@ss

eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440302
eCl@ss 8.0	27440302
eCl@ss 9.0	27440302

ETIM

ETIM 3.0	EC001132
ETIM 4.0	EC001132
ETIM 5.0	EC001132
ETIM 6.0	EC001132

UNSPSC

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

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