



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Connector - PRC 3-FC-FS6 12-16 - 1409217

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PRC connector, black, 3-pos., 1.5 mm² ... 6 mm²/630 V/35 A, with screw connection, for cables with a diameter of 12 mm ... 16 mm.



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	80.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General data

Number of positions	3
Protection class	III
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	50
Pull-out-force	175 N ± 25 N
Insertion force	30 N ± 10 N

Connection data

Rated current	35 A (with 6 mm ² conductor cross section)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	6 mm ²
Torque	1 Nm

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Technical data

Connection data

Type of contact	Screw contacts
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Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PPE
Material of grip body	PPE
Inflammability class according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440102

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

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UL Listed / cUL Listed / cULus Listed

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Approvals

Ex Approvals

Approvals submitted

Approval details

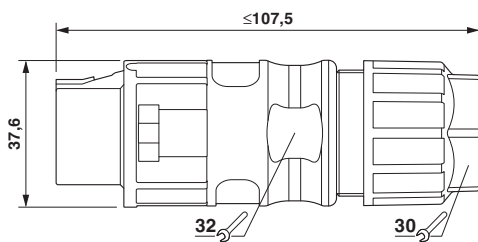
UL Listed	
mm ² /AWG/kcmil	14-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

cUL Listed	
mm ² /AWG/kcmil	14-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

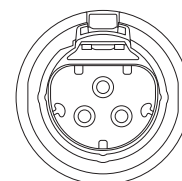
cULus Listed	
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Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment

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Schematic diagram

