Pushing Performance
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har-flex Power F Cab.Con. 5P Crimp

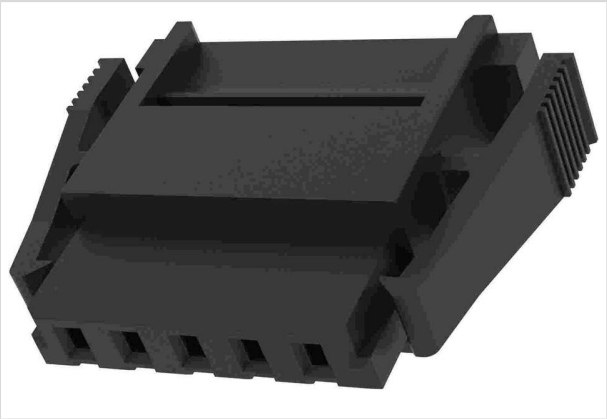


Image is for illustration purposes only. Please refer to product description.

Part number	15 69 005 0301 000
Specification	har-flex Power F Cab.Con. 5P Crimp
HARTING eCatalogue	https://harting.com/15690050301000

Identification

Category	Connectors
Series	har-flex®
Identification	Power
Element	Female connector

Version

Termination method	Crimp termination
Connection type	PCB to cable
Number of contacts	5
Locking type	Snap-in latches
Details	This contact insert is an unenclosed connector according to IEC 61984. In this case protection against electric shock must be provided by the installation methods of the user. Contact inserts must not be coupled or decoupled under electrical load. Connector must not be powered-up in the unmated condition. Please order crimp contacts separately.

Technical characteristics

Conductor cross-section (AWG)	AWG 26 ... AWG 18
Contact rows	1
Contact spacing (termination side)	2.54 mm
Contact spacing (mating side)	2.54 mm
Rated current	11 A
Rated current	The current-carrying capacity depends significantly on the printed circuit board used, the conductor cross-section used and the specific installation situation.

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Technical characteristics

Rated voltage	acc. to IEC 60664-1
Pollution degree	2
Rated current acc. to UL	8 A
Rated voltage acc. to UL	250 V
Rated current acc. to CSA	6 A
Clearance distance	≥2.1 mm
Creepage distance	≥2.08 mm
Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤25 mΩ
Limiting temperature	-55 ... +125 °C
Insertion force	≤15 N
Withdrawal force	≥2 N ≤12 N
Test voltage $U_{r.m.s.}$	1.39 kV
Isolation group	I (600 ≤ CTI)
Hot plugging	No

Material properties

Material (insert)	Polyphthalamide (PPA)
Colour (insert)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

Commercial data

Packaging size	1
Net weight	0.95 g
Country of origin	China
European customs tariff number	85366990

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Commercial data

GTIN	5713140467811
eCl@ss	27460202 PCB connector (conductor connection)
UNSPSC 24.0	39121415

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