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PCB connector, nominal current: 16 A, number of positions: 12, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



The figure shows the 5-pos. version

Your advantages

- ✓ Well-known connection principle allows worldwide use
- Allows connection of two conductors
- ☑ Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	4 046356 309875
GTIN	4046356309875
Weight per Piece (excluding packing)	27.960 g
Custom tariff number	85366990
Country of origin	Slovakia

Technical data

Dimensions

Length [1]	22.8 mm
Width [w]	91.22 mm
Height [h]	17.5 mm
Pitch	7.62 mm



Technical data

Dimensions

Dimension a 83.82 mm

General

Range of articles	GIC 2,5 HCV/ST
Number of positions	12
Connection method	Screw connection with tension sleeve
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	16 A
Nominal cross section	2.5 mm ²
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²



Technical data

Connection data

2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

	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	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638



Classifications

ETIM

ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC EAC	B.01742
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cULus Recognized	http://database.ul.com/cgi-bin/XYV/template/L	ISEXT/1FRAME/index.htm E60425-19931014
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	16 A	16 A
mm²/AWG/kcmil	30-12	30-12

Accessories

Additional products



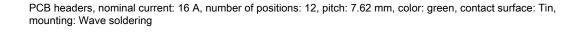
Accessories

Plug - GMSTB 2,5 HCV/12-ST-7,62 - 1714375



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Printed-circuit board connector - GIC 2,5 HC/12-G-7,62 - 1745881





Printed-circuit board connector - GICV 2,5 HC/12-G-7,62 - 1756582



PCB headers, nominal current: 16 A, number of positions: 12, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering

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