



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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## Europe connectors - EC 10 TR - 3240178

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Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 1 to 10 mm<sup>2</sup>

### Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	44.48 GRM
Custom tariff number	85369010
Country of origin	Austria

### Technical data

#### General

Number of levels	1
Number of connections	24
Color	transparent
Insulating material	PA
Inflammability class according to UL 94	V2
Maximum load current (lower level)	57 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub> (lower level)	57 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V
Maximum load current (upper level)	57 A (with 10 mm <sup>2</sup> conductor cross section)
Number of positions	12

#### Dimensions

Width	22.2 mm
Length	132.7 mm
Height	17.3 mm

#### Connection data

Connection method	Screw connection
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### Technical data

#### Connection data

Conductor cross section solid min.	1 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max.	8
Conductor cross section stranded min.	1 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	16
Max. AWG conductor cross section, stranded	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Stripping length	7 mm
Screw thread	M3,5
Tightening torque, min	0.8 Nm
Tightening torque max	1 Nm

### Classifications

#### eCl@ss

eCl@ss 4.0	27141106
eCl@ss 4.1	27141106
eCl@ss 5.0	27141106
eCl@ss 5.1	27141106
eCl@ss 6.0	27141106
eCl@ss 7.0	27141106
eCl@ss 8.0	27141106

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### Classifications

#### ETIM

ETIM 3.0	EC001284
ETIM 4.0	EC001284
ETIM 5.0	EC001284

#### UNSPSC

UNSPSC 6.01	30212109
UNSPSC 7.0901	27121703
UNSPSC 11	27121703
UNSPSC 12.01	27121703
UNSPSC 13.2	27121703

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted


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#### Approval details

UL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	14-8	14-8	14-8
Nominal current I <sub>N</sub>	50 A	50 A	50 A
Nominal voltage U <sub>N</sub>	300 V	300 V	300 V

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### Approvals

cUL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	14-8	14-8	14-8
Nominal current I <sub>N</sub>	50 A	50 A	50 A
Nominal voltage U <sub>N</sub>	300 V	300 V	300 V

cULus Recognized 			
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