



Cross Reference RA Part Number 40137-565-02

Phoenix Part Number: MSTBVK 2,5/10-G-5,08 - 1788800



Manufacturer Part Numbers :
1788800 and 1757093



Item description

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail

Dimensions / positions

Width	27.2 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	MSTBVK 2,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	320 V
Nominal cross section	2.5 mm ²
Insulating material	PA
Inflammability class according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	7 mm

Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-12

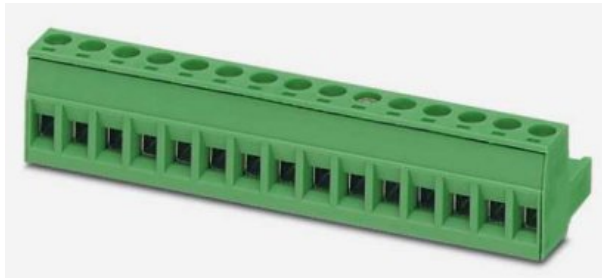
CUL

Nominal voltage U_N	300 V
Nominal current I_N	12 A
AWG/kcmil	30-12

UL

Nominal voltage U_N	300 V
Nominal current I_N	12 A
AWG/kcmil	30-12

► General data



Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 10, type of connection: Screw connection

Order number

Type

1757093

MSTB 2,5/10-ST-5,08



Barcode number	4017918029623
Unit pack	50 Piece
Customs tariff	85369010000

► Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	45.72 mm
Number of positions	10
Screw thread	M 3
Tightening torque	0.5 Nm

Technical data

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A 3
Stripping length	7 mm

Connection data

Min. conductor cross section, rigid	0.2 mm ²
Conductor cross section, rigid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Max. conductor cross section, flexible	2.5 mm ²
Min. conductor cross section, flexible, with ferrule with plastic sleeve	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Max. conductor cross section, flexible, with ferrule with plastic sleeve	2.5 mm ²
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors of the same cross section, flexible, min.	0.2 mm ²
2 conductors with same cross section, flexible max.	1.5 mm ²
2 conductors of the same cross section, flexible, with AEH without plastic sleeve, min.	0.25 mm ²
2 conductors with identical cross section, flexible with AEH with plastic sleeve max.	1 mm ²
2 conductors of the same cross section, flexible, with TWIN-AEH with plastic sleeve, min.	0.5 mm ²
2 conductors with identical cross section, flexible with TWIN-AEH with plastic sleeve max.	1.5 mm ²

Certificates

UL

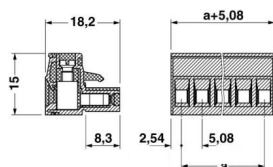
Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	28-12

▶ Drawings

Dimensioned drawing



Approval logo

