Printed-circuit board connector - MVSTBR 2,5/ 5-ST-5,08 BK - 1741821

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)

The illustration shows version MVSTBR 2,5/5-ST-5,08 AU

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Screw connection, Color: Black, Contact surface: Tin

Key commercial data

Packing unit	1
Minimum order quantity	1
GTIN	4 017918 259082
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	20.32 mm
Number of positions	5
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	MVSTBR 2,5/..-ST
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 IN	12 A
Nominal voltage UN	250 V

Printed-circuit board connector - MVSTBR 2,5/ 5-ST-5,08 BK - 1741821

Technical data

Technical data

Nominal cross section	2.5 mm²
Maximum load current	12 A (with 2.5 mm2 conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	15 A

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
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 mm²
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.	1.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Printed-circuit board connector - MVSTBR 2,5/ 5-ST-5,08 BK - 1741821

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

unspsc

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

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / IECEE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

	B	D
mm²/AWG/kcmil	28-12	28-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

Printed-circuit board connector - MVSTBR 2,5/ 5-ST-5,08 BK - 1741821

Approvals

UL Recognized

	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

VDE report with production monitoring

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized

	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

GOST

cULus Recognized

Accessories

Accessories

Marking

Printed-circuit board connector - MVSTBR 2,5/ 5-ST-5,08 BK - 1741821

Accessories

Marker cards - SK 5,08/3,8:UNBEDRUCKT - 0805412

Marker cards, Card, white, Unlabeled, Can be labeled with: Thermomark R, Thermomark X, Thermomark S, Mounting type: Adhesive, For terminal block width: 5.08 mm

Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Tools

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip