Printed-circuit board connector - FRONT-MSTB 2,5/12-ST-5,08 SO1 - 1711200

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Plug component, Nominal current: 12 A, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection, Color: Blue-gray, Contact surface: Tin

Key commercial data

package_quantity	50
GTIN	4046356080255

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	55.88 mm

General

Range of articles	FRONT-MSTB 2,5/..-ST
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm²
Number of positions	12

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

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Technical data

Connection data

2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 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 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

classifications

eCl@ss

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
eCl@ss 8.0	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

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / GOST / CCA / cULus Recognized /

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approvals

Approval details

CSA

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	22-12	22-12

UL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	30-12	30-12

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.34-2.5

cUL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	30-12	30-12

IECEE CB Scheme

Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.34-2.5

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GOST

CCA	
Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.34-2.5

cULus Recognized

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