3ESDSRH-XXP

PCB Terminal Blocks > PCB Connector-Plug

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The final product is made according to engineering drawing.

Product Description

Pitch: 7.62 mm, 300V, 18A

General information

Short description	PCB Connector-Plug, Push-in Design
Category	PCB Connector – Plug
Pitch (mm)	7.62
Color	Green (default)
Connection method	Push in Design
Type of locking	Without
Length (mm)	7.62*(P-1)+5.3
Width (mm)	15
Height (mm)	25.9
Number of positions	02P~12P
Level	Single level

Material information

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Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	≧500MΩ at DC 500V
Conductor material	HIGH PERFORMANCE COPPER ALLOY
Plating of conductor surface	Tin PLATED

Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	15
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	630
Rated voltage (III/3)(V)	500
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	2.5
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	1
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Stripping Length (mm)	10~11

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	18

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Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	18
Min. solid wire connection (AWG) acc. to UL/CUL	26
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	26
Max. stranded wire connection AWG acc. to UL/CUL	12

Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	18
Wire Range (Group D)(AWG)	26~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	18

CUL Recognized

Wire Range (Group B)(AWG)	26~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	18
Wire Ranget (Group D)(AWG)	26~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	18

Approvals

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