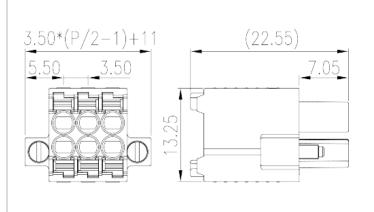


0159-01XX

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-03Version:1.1





The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design.

The final product is made according to engineering drawing.

Product Description

Pitch: 3.50 mm, 300V, 8A

General information

Short description	PCB Connector – Plug, Push-in Design
Category	PCB Connector – Plug
Pitch (mm)	3.50
Color	Black (default)
Connection method	Push in Design
Type of locking	With screw flange
Length (mm)	3.50*(P/2-1)+11.0
Width (mm)	22.55
Height (mm)	13.25
Number of positions	04P~40P
Level	Double level

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

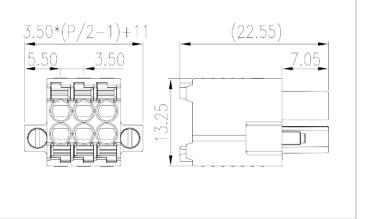
Insulation resistance	$\Box 500 M\Omega$ at DC 500V	
Conductor material	COPPER ALLOY	
Plating of conductor surface	Tin PLATED	
Connection data-IEC		
Rated voltage (V)	250	
Rated current (A)	8	
Rated voltage (II/2)(V)	320	
Rated voltage (III/2) (V)	160	
Rated voltage (III/3)(V)	160	
Rated impulse voltage (II/2)(KV)	2.5	
Rated impulse voltage (III/2)(KV)	2.5	
Rated impulse voltage (III/3)(KV)	2.5	
Conductor cross section solid. min (mm²)	0.2	
Conductor cross section solid.max (mm²)	1.5	
Conductor cross section stranded. min (mm²)	0.2	
Conductor cross section stranded. max (mm²)	1.5	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	1.5	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	0.75	
Tightening torque with flange. max (N.m)	0.1	
Stripping Length (mm)	9~10	
Connection data-UL		
Rated voltage (UL/CUL Group B)(V)	300	
Rated current (UL/CUL Group B)(A)	8	
Min. solid wire connection (AWG) acc. to UL/CUL	24	
Max. solid wire connection AWG acc. to UL/CUL	16	
Min. stranded wire connection AWG acc. to UL/CUL	24	
Max. stranded wire connection AWG acc. to UL/CUL	16	

Environment & Safety



Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40
JL Recognized	
Wire Range (Group B)(AWG)	24~16
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Wire Range (Group C)(AWG)	24~16
Rated voltage (Group C)(V)	50
Rated current (Group C)(A)	8
Wire Range (Group D)(AWG)	24-16
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8
CUL Recognized	
Wire Range (Group B)(AWG)	24~16
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Wire Range (Group C)(AWG)	24~16
Rated voltage (Group C)(V)	50
Rated current (Group C)(A)	8
Wire Ranget (Group D)(AWG)	24~16
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

Drawings



Approvals







