



Product Description: Pitch:3.81mm Rated
Voltage : 160V Rated Current:8A Connection
method : Push in connection
colour : customizable

Technical drawings of the SUPU HC-DHF3.51 connector showing dimensions and formulas.

Top Left View: Shows the connector with dimensions 2.00 and a callout for a fixed pin point (固定孔凸点) with a diameter of 1.00.

Top Right View: Shows the connector with dimensions 16.10, 21.90, 2.00, 6.60, 20.90, and a formula for dimension b: $\text{Dim.b} = 3.81 \times P / 2 + 0.79$.

Bottom View: Shows the connector with dimensions 4.50, 2.30, 8.30, 4.75, 7.10, 1.25, and a formula for dimension c: $\text{Dim.c} = 3.81 \times P / 2 + 5.19$. A callout for a fixed pin point (固定孔凸点) with a diameter of 1.00 is also present.

⌘ SUPU ID	MC-DRF3.81H38P-K-0001
⌘ Pitch	3.81
⌘ Number of levels	double-layer
⌘ Number of connections	38

☞ Connection method	Push in connection
☞ Protection Level	IP20
☞ Operating temperature range	-40~+105°C
☞ Insulation material	PA66
☞ Insulation material group	I
☞ Contact material	Copper alloy
☞ Contact plating	Sn,Plated
☞ Color	Green/Black/Blue/Grey/Orange/Red

Technical data

☞ IEC Rated Current	8A
☞ IEC Rated Voltage	160V
☞ Overvoltage category	III/III/ II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	2.5KV 2.5KV 2.5KV
☞ UL Rated Current	8A - -
☞ UL Rated Voltage	300V - -
☞ Conductor cross section rigid	0.2-1.5mm ²
☞ Conductor cross section flexible	0.2-1.5mm ²
☞ Conductor cross section flexible,with furrule	0.2-1.5mm ²
☞ Locking screw Specification	-
☞ Locking screw torque	-
☞ Fixed Screw Specification	M2.5
☞ 固定螺钉扭矩	0.3N.m

☞ Stripping length	10mm
☞ Use group	B/C/D
☞ Rated cross section	24~16AWG

Commercial data

☞ Order No	MC-DRF3.81H38P-K-0001
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