



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

The figure consists of two parts: a top-down PCB layout and a side-view cross-section.

- Top View (PCB LAYOUT):** Shows a rectangular substrate with dimensions 25.00 mm by 19.05 mm. The layout includes three rows of circular vias. Key dimensions include:
 - Overall width: 19.05 mm
 - Overall height: 25.00 mm
 - Distance between via columns: 7.62 mm
 - Radius of each via: $\phi 1.30$
 - Horizontal distance from left edge to first column of vias: 3.81 mm
 - Horizontal distance between columns of vias: $3.81 \times P/3 - 1$
 - Vertical distance from bottom edge to first row of vias: 3.60 mm
 - Vertical distance between rows of vias: 11.40 mm
 - Vertical distance from last row of vias to top edge: 7.62 mm
- Cross-Section View:** Shows the profile of the antenna structure. Key dimensions include:
 - Total height: 23.90 mm
 - Height of the top layer: 1.905 mm
 - Height of the middle section: 16.20 mm
 - Height of the bottom section: 8.50 mm
 - Width of the base: 3.60 mm
 - Width of the middle section: 11.40 mm
 - Width of the top section: 7.62 mm
 - Thickness of the top layer: 0.60 mm
 - Thickness of the bottom layer: 3.50 mm

⌘ SUPU ID	MC-TTM3.81H24C-0001
⌘ Pitch	3.81
⌘ Number of levels	Multi-Layer
⌘ Number of connections	24

☞ Connection method	Screw 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	10A - 10A
☞ UL Rated Voltage	300V - 300V
☞ Conductor cross section rigid	0.2-1.0mm ²
☞ Conductor cross section flexible	0.2-1.0mm ²
☞ Conductor cross section flexible,with furrule	0.2-1.0mm ²
☞ Locking screw Specification	M2
☞ Locking screw torque	0.2N.m
☞ Fixed Screw Specification	-
☞ Stripping length	5mm

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