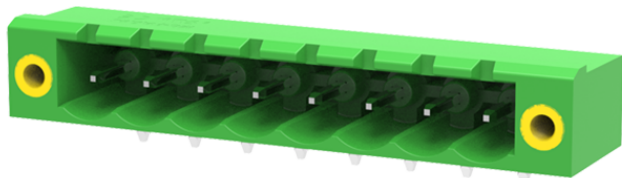


Product Name:MC-PA5.08H06-F-0002



Product Description: Pitch: 5.08mm Rated
Voltage : 320V Rated Current: 18A
colour : customizable

Figure 1: PCB layout of the proposed 100W GaN HEMT power module. The figure consists of three views: a side view (top left), a top view (top right), and a bottom view (bottom). The side view shows a module with a total height of 8.45 mm, a base width of 12.00 mm, and a top width of 3.50 ± 0.30 mm. The top view shows a central area with four pins, each with a diameter of 5.08 mm, and a total width of 7.62 mm. The bottom view shows a similar layout with a total width of 12.00 mm and a central area with a width of 7.62 mm. Dimensions are given in mm.

Parameters

☞ SUPU ID	MC-PA5.08H06-F-0002
☞ Pitch	5.08
☞ Number of connections	6
☞ Connection method	-

☞ 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	320V
☞ IEC Rated Voltage	18A
☞ Overvoltage category	III III II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	4.0KV 4.0KV 4.0KV
☞ UL Rated Current	15A - 10A
☞ UL Rated Voltage	300V - 300V
☞ Conductor cross section rigid	-
☞ Conductor cross section flexible	-
☞ Conductor cross section flexible,with furrule	-
☞ Locking screw Specification	-
☞ Locking screw torque	-
☞ Fixed Screw Specification	-
☞ Stripping length	-
☞ Use group	B/C/D

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