TrueNet®

PCB Module 2x20 Way

Issue 5

LSA-PLUS® printed circuit board modules for soldering directly to printed circuit boards, offering direct electrical connection of two rows of 20 pins.

Features:

- Access is provided in the module for testing or overvoltage protection
- Wires can be terminated on both the upper and lower rows of contacts
- Contacts are normally open, providing a capacity to terminate 40 conductors
- Heat stake legs to secure the module to the PCB
- No number printing on module 6468 5 003-02
- Printed 1-0 on module 6468 5 019-00

Specifications

Mechanical:

Working temperature range: ..... -20°C to +80°C
Environment: ..... Indoors, in dry closed rooms
Insulation diameter: 0.70-1.60mm
Copper conductor diameter: 0.40-0.80mm
Multistrand Conductor: 7/0.2-7/0.32mm
Number of equal diameter solid conductors per slot: ..... 2 max (up to 0.65mm each)
Number of equal diameter multistrand conductors per slot: ..... 1 max.
Flammability rating of plastic housing: ..... UL 94 V0
Deformation temperature of the heat stake: ..... 175°C to 180°C
Soldering temperature: ..... max. 260°C
Soldering time: ..... max. 4s
..... Can be soldered by hand or in a bath
Contact material: ..... high strength spring copper alloy
Contact plating: ..... silver plated

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Electrical:

Insulation resistance: ..... ≥5×10⁴MΩ
Dielectric strength:
Adjacent contacts: ..... ≥2000VAC
Opposite contacts: ..... ≥1800VAC
Current rating of LSA-PLUS® contact: .....= Current carrying capacity
..... of terminated conductor
Contact resistance: .....≤1mΩ typical
.....≤5mΩ guaranteed
Total contact resistance: ..... ≤10mΩ
Number of re-terminations: .....≥200
Coupling capacitance between wires: ..... ≤1p

Ordering Information

Description	Quantity	Colour	Product No.
PCB Module 2x20 Way, normally open, with jumper rings	Box of 10	Grey	6468 5 003-02
PCB Module 2x20 Way, normally open, without jumper rings	Box of 10	White	6468 5 019-00

SPEC SHEET

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