

# TrueNet®

## PCB Module 2x8 Way

Issue 5



LSA-PLUS® printed circuit board modules for soldering directly to printed circuit boards, offering direct electrical connection of two rows of 8 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 16 conductors
- Heat stake legs to secure the module to the PCB
- No printing on module

### 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: .....  $\geq 5 \times 10^4 \text{M}\Omega$   
 Dielectric strength:  
     Adjacent contacts .....  $\geq 2000 \text{VAC}$   
     Opposite contacts .....  $\geq 1800 \text{VAC}$   
 Current rating of LSA-PLUS® contact: ..... = Current carrying capacity  
     ..... of terminated conductor  
 Contact resistance: .....  $\leq 1 \text{m}\Omega$  typical  
     .....  $\leq 5 \text{m}\Omega$  guaranteed  
 Total contact resistance: .....  $\leq 10 \text{m}\Omega$   
 Number of re-terminations: .....  $\geq 200$   
 Coupling capacitance between wires: .....  $\leq 1 \text{p}$

### Ordering Information

Description	Quantity	Colour	Product No.
PCB Module 2x8 Way, normally open	Box of 36	Grey	6468 5 003-00

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