

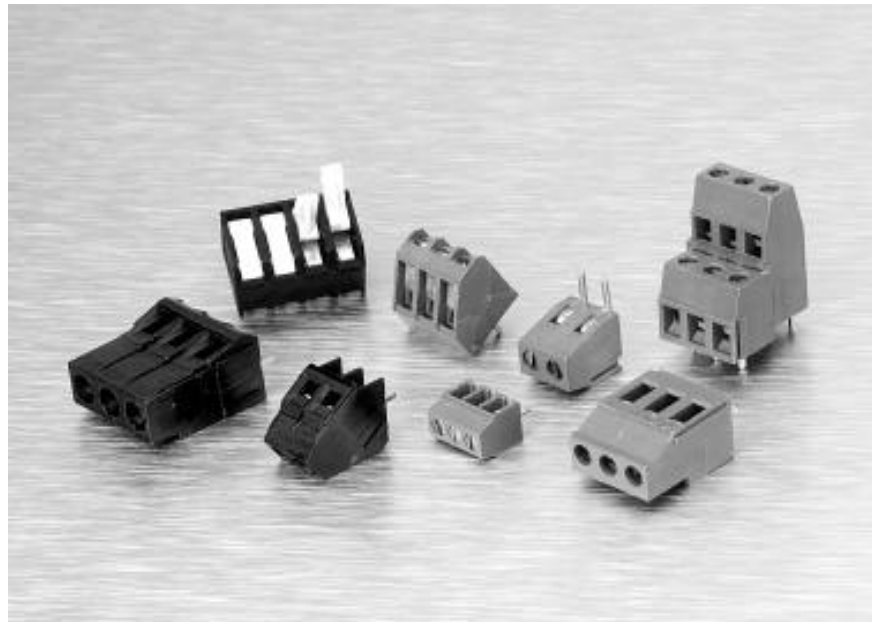
DESCRIPTION/APPLICATION

Designed to European specifications, these one piece blocks facilitate wire to PC board connections. While all blocks are modular and can be interlocked together to extend the number of terminals to any length, molded-to-length versions are also available.

DESIGN ADVANTAGES

- Pitches Available
 - 2,5mm (0.098")
 - 3,5mm (0.138")
 - 5,0mm (0.197")
 - 5,08mm (0.200")
 - 0.250" (6,35mm)
 - 7,0mm (0.276")
 - 10mm (0.394")
 - 10,16mm (0.400")
- Effective 2,5mm for Double Decker Design.
- Vertical and horizontal solder pins available for most lines.
- Available in four connection styles:
 - Cage clamp for superior connection.
 - Wire protection for economical designs.
 - Tunnel connection for most economical designs.
 - Screwless clamp for quick connections.
- Special "interlocking" feature allows any length connector to be assembled in modular fashion — Also available molded to length.
- Thermoplastic insulator housing — UL94V-0 rated.
- Gold and silver plated terminals available in addition to standard tin plating.
- Hot stamped terminal marking available.
- Test points for direct reading built into many connectors.

ONE PIECE CONNECTORS



CONNECTOR INDEX

2,5mm Surface Mount with Screwless Clamp	8
3,5mm Standard with Wire Protector	9
3,5mm Standard with Tunnel Connection	10
5mm Standard with Cage Clamp	11, 14
5mm Standard with Wire Protector	12, 15
5mm Standard with Tunnel Connection	13
5mm High Profile with Cage Clamp	16
5mm High Profile with Wire Protector	17
5mm High Profile with Tunnel Connection	18
5mm Angular with Cage Clamp	19, 20
5mm Double Decker with Cage Clamp	21, 22
5,08mm Standard with Cage Clamp	23
5,08mm Standard with Wire Protector	24
5,08mm Angular with Cage Clamp.....	25
5,08mm Angular with Wire Protector	26
5,08mm Double Decker with Cage Clamp.....	27
5,08mm Standard with Screwless Clamp	28
0.250" Standard with Cage Clamp.....	29

2,5MM SURFACE MOUNT TECHNOLOGY WITH WIRE TRAP SERIES SMC

PHYSICAL PROPERTIES

Housing:

HOUSING MATERIAL: Polyphenylene Sulfide (PPS)

FLAMMABILITY: UL94V-0

COLOR: Beige

Terminal:

CONTACT: Phosphor bronze, tin plated over nickel

Mechanical:

PITCH (TERMINAL SPACING): 2,5mm

WIRE STRIP LENGTH: 0.22" min, 0.28" max

MAX. WIRE INSULATION DIAMETER: 1.7mm

PACKAGING: Tape and reel

ELECTRICAL PROPERTIES:

MAXIMUM CURRENT: 3A

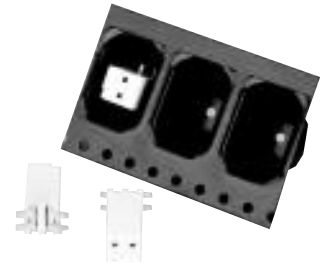
OPERATING VOLTAGE: 250V

WIRE RANGE: 24 AWG

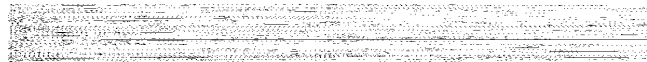
DIELECTRIC WITHSTAND: 1500 VAC

ENVIRONMENTAL PROPERTIES:

MAX. OPERATING TEMPERATURE: 105° C



2,5mm Pitch



Ordering Information

# OF TERMINALS	CATALOG NUMBER	DESCRIPTION
2	SMC2402	Tape & Reel, 500 pieces
2	SM2V02	25 pieces