



KATT "S" SERIES TERMINAL BLOCK KATT CONNECTOR PCB

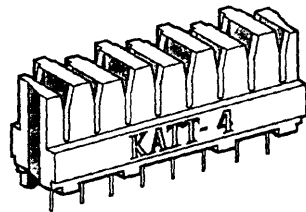
The KATT Connector is an Insulation Displacement Contact (IDC) block with solder tails, designed for PCB mounting. The connector is ideal for manufacturers of Professional Electronic, Datacommunications and Computer peripheral equipment.

The KATT IDC contact enables wires to be terminated with MOD-TAP tooling or industry standard tooling.

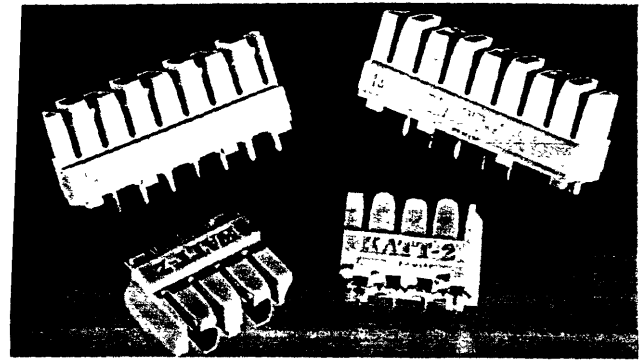
- KATT IDC High density connector block
- 2 Pair (4pos) and 4 Pair (8pos) available
- Low profile
- IDC contact accepts 2 wires for daisy chaining applications
- Low wire insertion force reduces the risk of PCB damage
- Wires can be terminated by MOD-TAP, or industry standard tooling
- Optional markings for circuit identification
- No Heat Staking required - one less line assembly process
- 0.75mm PCB hole allows more tracks between pads
- Solder tail length compatible with industry standard 1.6mm PCB
- EIA 568 Compliant
- Available in grey or white



◀ KATT PCB CONNECTOR S4



KATT PCB CONNECTOR S4 ▲



Part No.	Description
Without Retention Posts	
36.A0160	Grey, 4 Pair (8 Pos) KATT S4, Solder Tail, unmarked
36.A0740	White, 4 Pair (8 Pos) KATT S4, Solder Tail, unmarked
36.A0170	Grey, 2 Pair (4 Pos) KATT S2, Solder Tail, unmarked
36.A0690	White, 2 Pair (4 Pos) KATT S2, Solder Tail, unmarked
36.A0300	Grey, 2 Pair (4 Pos) KATT S2, Solder Tail, Brown & Green
36.A0700	White, 2 Pair (4 Pos) KATT S2, Solder Tail, Brown and Green
36.A0310	Grey, 2 Pair (4 Pos) KATT S2, Solder Tail, Blue & Orange
36.A0710	White, 2 Pair (4 Pos) KATT S2, Solder Tail, Blue and Orange
36.A0320	Grey, 4 Pair (8 Pos) KATT S4, Solder Tail, Brown, Green, Orange & Blue
36.A0750	White, 4 Pair (8 Pos) KATT S4, Solder Tail, Brown, Green, Orange and Blue
36.A0330	Grey, 4 Pair (8 Pos) KATT S4, Solder Tail, Blue, Orange, Green & Brown
36.A0760	White, 4 Pair (8 Pos) KATT S4, Solder Tail, Blue, Orange, Green and Brown
With Retention Posts	
36.A0340	Grey, 2 Pair (4 Pos) KATT S2, Solder Tail, unmarked
36.A0770	White, 2 Pair (4 Pos) KATT S2, Solder Tail, unmarked
36.A0350	Grey, 2 Pair (4 Pos) KATT S2, Solder Tail, Brown & Green
36.A0780	White, 2 Pair (4 Pos) KATT S2, Solder Tail, Brown and Green
36.A0360	Grey, 2 Pair (4 Pos) KATT S2, Solder Tail, Blue & Orange

KATT Connector



Applications

Communications: Voice and Data:
 Low voltage Systems: Electronic Equipment:

Wire Accommodation

Size: $\leq 1.4\text{mm OD}$
 Types of Plastic insulation: PVC, IPVC, Polyethylene, Polypropylene, PTFE, Polyurethane, Polyolefin & Nylon

Terminations

Solid wire ranges: 22 - 26 AWG (0.4 - 0.63mm)
 Limiting OD: 1.4mm
 Reterminations: ≥ 200
 Stranded wire ranges: (7 strands) 22 - 26 AWG
 Limiting OD: 1.4mm
 Reterminations: ≥ 200

Electrical Data

Dielectric Strength: 1.5 kV RMS @ 60 Hz
 Insulation Resistance: Better than $10^8 \Omega$
 Termination:
 Typical $< .5 \text{ m}\Omega$
 Guaranteed $< 5 \text{ m}\Omega$

Environmental

Temperature Range
 Storage: -40 to +70 °C
 Operational: -10 to +60 °C
 Humidity: 95% Max

Transmission Data

Insertion Loss (Attenuation): $< 0.1\text{dB}$ 1-100 MHz
 Worst Pair Near End Crosstalk (NEXT): $< -45\text{dB}$ 1-100MHz

Mechanical Data

Block Termination: Wave / solder to 0.8mm or 1.6mm PCB
 Wire termination: Insulation displacement (Gas Tight)
 Wire insertion force: 50N typical
 Wire pull out force: 45N typical

Materials

Plastic Housing: UL 94 V0 Rated Thermoplastic
 Contact Material: Phosphor Bronze
 IDC contact Plating: Sn/Pb

Part No. Description

With Retention Posts

36.A0790	White, 2 Pair (4 Pos) KATT S2, Solder Tail, Blue and Orange
36.A0370	Grey, 4 Pair (8 Pos) KATT S4, Solder Tail, unmarked
36.A0820	White, 4 Pair (8 Pos) KATT S4, Solder Tail, unmarked
36.A0380	Grey, 4 Pair (8 Pos) KATT S4, Solder Tail, Brown, Green, Orange & Blue
36.A0830	White, 4 Pair (8 Pos) KATT S4, Solder Tail, Brown, Green, Orange and Blue
36.A0390	Grey, 4 Pair (8 Pos) KATT S4, Solder Tail, Blue, Orange, Green & Brown
36.A0840	White, 4 Pair (8 Pos) KATT S4, Solder Tail, Blue, Orange, Green and Brown
14-0202-001	White, Stuffer Caps, Minimum Quantity 100

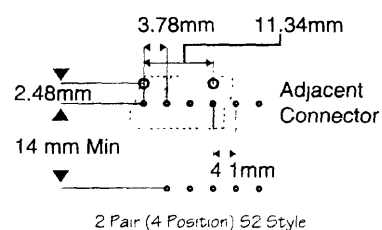
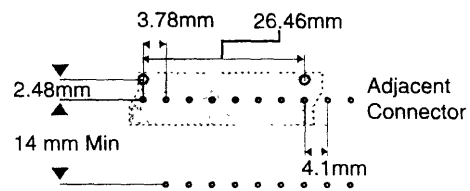


LESS THAN PACK QUANTITIES - CONTACT SALES DESK



2 PAIR (4 POS) MINIMUM PACK QUANTITY 4000
 4 PAIR (8 POS) MINIMUM PACK QUANTITY 2000
 1 STUFFER CAP FITS 4 POSITIONS
 2 OFF ARE REQUIRED FOR AN 8 POSITION CONNECTOR

PCB Hole Diameter $0.75 \pm 0.05\text{mm}$
 Retention Post Hole Diameter 1.55 / 1.50mm



H-6