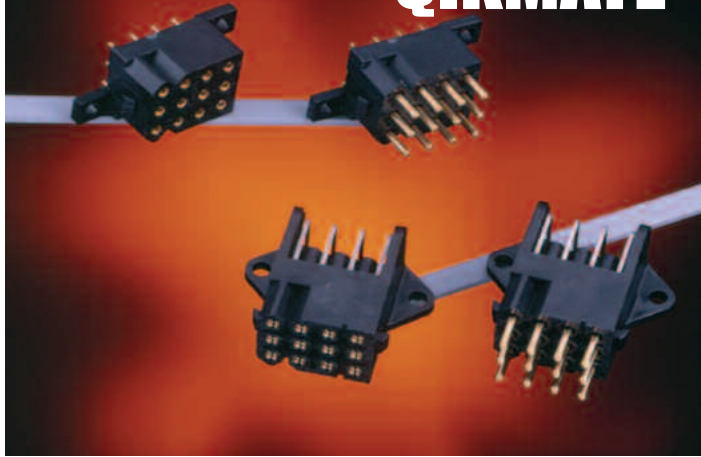


SMS BOARDMOUNT QIKMATE



Qikmate PC-boardmount connectors

Description

These PC boardmount connectors enable QIKMATE and preassembled TRIM TRIO contacts to be PC board mounted, using conventional solder production techniques. They will then mate and latch with the standard QIKMATE plugs.

Straight boardmount QIKMATE is available in 10 insert arrangements from 2 to 36 positions.

Right-angled boardmount QIKMATE is available in 3, 6, 12 and 18 positions. All boardmount connectors are supplied fully loaded with pin or socket contacts, either in solid machined or stamped and formed contacts.

Performance Characteristics

Operating temperature:	-55 °C to + 125 °C
Insulation resistance:	5000 MΩ min.
Test potential:	2000 VAC
Current rating:	5 Amp for stamped contacts 7.5 Amp for machined contacts
Durability:	500 matings and unmatings

Construction

Connector body:	Glass filled thermoplast UL94-V0
Contacts:	High conductive copper alloy

Plating Table

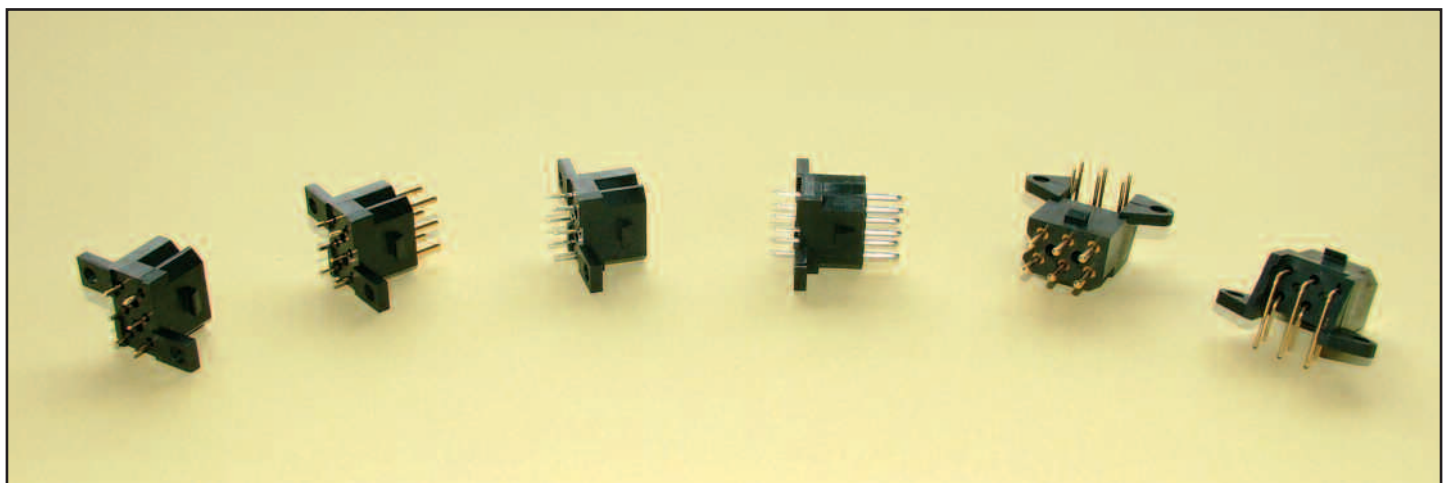
Plating for solid machined contacts:	Min. 0.4μ Gold all over Nickel
Plating for stamped and formed contacts:	TR29 = 3.5μ Pre-plated Tin all over

Intermateability

"SMS" Qikmate boardmount connectors with preassembled TRIM TRIO size 16 boardmount contacts are intermateable only with the "SMS" Qikmate cable plug connectors equipped with TRIM TRIO crimp type removable snap-lock contacts.

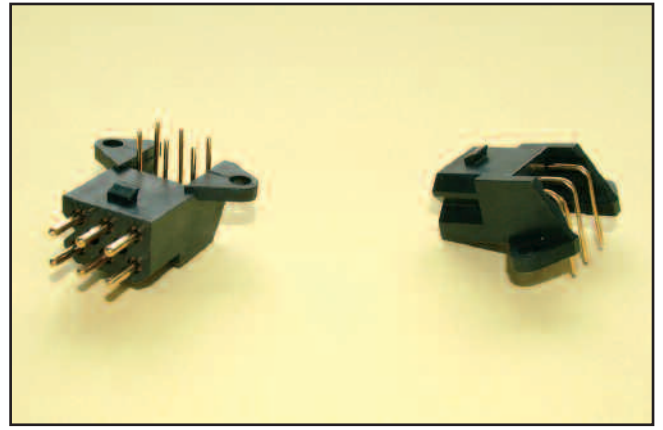
Features and Benefits

- Straight versions available in 10 contact arrangements from 2 to 36 positions.
- Right-angled versions available in 3, 6, 12 positions.
- All versions are available with: pin or socket contacts. - stamped and formed or solid machined contacts.
- Some boardmount connectors have discrimination cavities in between contact cavities, thus offering discrimination without contact loss.
- UL recognised File Nr.: E238675



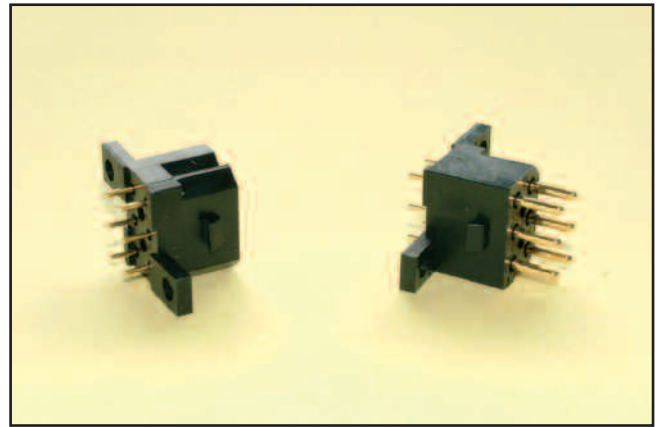
Right angle Boardmount with machined gold plated contacts

No. OF WAYS	SOCKET PART NUMBER	PIN PART NUMBER
3	SMS3GE5	SMS3GE6
6	SMS6GE5	SMS6GE6
12	SMS12GE5	SMS12GE6



Straight Boardmount with machined gold plated contacts

No. OF WAYS	SOCKET PART NUMBER	PIN PART NUMBER
2	SMS2GE3	SMS2GE4
3	SMS3GE3	SMS3GE4
4	SMS4GE3	SMS4GE4
6	SMS6GE3	SMS6GE4
9	SMS9GE3	SMS9GE4
12	SMS12GE3	SMS12GE4
15	SMS15GE3	SMS15GE4
18	SMS18GE3	SMS18GE4
24	SMS24GE3	SMS24GE4
36	SMS36GE3	SMS36GE4



Straight Boardmount with stamped and formed tin plated contacts

No. OF WAYS	SOCKET PART NUMBER	PIN PART NUMBER
2	SMS2RE3 TR29	SMS2RE4 TR29
3	SMS3RE3 TR29	SMS3RE4 TR29
4	SMS4RE3 TR29	SMS4RE4 TR29
6	SMS6RE3 TR29	SMS6RE4 TR29
9	SMS9RE3 TR29	SMS9RE4 TR29
12	SMS12RE3 TR29	SMS12RE4 TR29
15	SMS15RE3 TR29	SMS15RE4 TR29
18	SMS18RE3 TR29	SMS18RE4 TR29
24	SMS24RE3 TR29	SMS24RE4 TR29
36	SMS36RE3 TR29	SMS36RE4 TR29

