

QM Multipole contacts

Contacts are selected as follows:

1. Are pin or socket inserts required?
2. What wire size is being used?
3. What level of performance is required?

Characteristics	Performance		
	3-part machined	2-part formed	1-part formed
Materials - body - spring members	Brass Be-Cu	Brass Brass	Brass Integral
Plating	gold flash	gold flash	tin
Current rating*	13A	13A	5A
Contact resistance (init.)	5mΩ	5mΩ	5mΩ
Mechanical endurance	500 insertions	200 insertions	50 insertions
Crimp tool required	531-403 & 531-425	468-686	468-686

* single contact in isolation

Single Piece

Size	Type	Wire acceptance size	RS Stock No.
16	pins	0.5 - 1.5 sq.mm.	466-797
16	sockets	0.5 - 1.5 sq.mm.	466-826
20	pins	0.3 - 0.75 sq.mm.	466-804
20	sockets	0.3 - 0.75 sq.mm.	466-832
24	pins	0.08 - 0.41 sq.mm.	466-810
24	sockets	0.08 - 0.41 sq.mm.	466-848

Two Piece

Size	Type	Wire acceptance size	RS Stock No.
16	pins	0.5 - 1.5 sq.mm.	468-541
16	sockets	0.5 - 1.5 sq.mm.	468-557
20	pins	0.3 - 0.75 sq.mm.	466-977
20	sockets	0.3 - 0.75 sq.mm.	466-983
24	pins	0.08 - 0.41 sq.mm.	474-782
24	sockets	0.08 - 0.41 sq.mm.	474-798

Three Piece

Size	Type	Wire acceptance size	RS Stock No.
16	pins	0.6 - 1.5 sq.mm.	485-827
16	sockets	0.6 - 1.5 sq.mm.	485-833
20	pins	0.44 - 0.64 sq.mm.	485-849
20	sockets	0.44 - 0.64 sq.mm.	485-855
24	pins	0.2 - 0.24 sq.mm.	485-861
24	sockets	0.2 - 0.24 sq.mm.	485-877