

Miniature Circular Connectors

'Tini Q-G' Series – 3, 4 and 5 Pole

Switchcraft



Free plug L = 51.7, Dia = 10.5 Cable entry = 3.0 dia	Free socket L = 48.3, Dia = 10.5	Panel plug Cut-out = 11, D = 17.5 Panel thickness = 7 max.	Panel socket Cut-out = 15.2 Fix. cent = 17.1 11.4 H = 24.4, W = 18.8
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- 'Tini Q-G' miniature latching instrumentation connectors, available in 3, 4 and 5 ways, having integrally moulded cable relief.
- The all-metal bodies are precision machined and nickel plated.
- Their small size makes them ideal for portable instruments and equipment.

Current rating	3+4 pole 5A 5 pole 4A	Housing	Circular plugs and panel sockets, brass nickel plated.
Working voltage	125V ac	Square panel sockets	diecast zinc nickel plated
Contact resistance	≤10mΩ	Contacts	Copper alloy, silver plated
Temperature range	-55°C to +85°C		

CA027

No. of Poles	Order Code	Price Each				
		1+	10+	50+	100+	250+
Free Plugs	Mfrs. List No. = TA♦M					
3	145-138					
4	145-139					
5	145-140					
Free Sockets	Mfrs. List No. = TA♦F					
3	145-135					
4	152-276					
5	145-137					
Panel Plugs Circular	Mfrs. List No. = TB♦M					
3	145-141					
4	145-142					
5	145-143					
Panel Sockets Square – Solder Lug	Mfrs. List No. = TY♦F					
3	145-144					
4	145-145					
5	697-898					
Panel Socket Square – Straight PCB Mount	Mfrs. List No. = TY♦FPC					
3	697-862					
4	697-874					
5	697-886					

♦ Denotes number of poles.

'Tini Q-G' Series 3 Pole, 90° PCB Plug

Switchcraft



- Rear mounting
- Right angled construction
- PCB terminals
- Rigid pin orientation

H = 18.8, W = 15.5,
D = 26.9, Cut-Out = 15.2
Max. Panel Thickness = 4mm

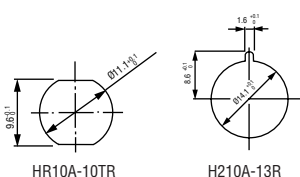
Current rating	5A @ 125V ac	Contact resistance	≤ 10mΩ
Temperature range	-55°C to +85°C	Mating cycle	5,000 operation minimum
Housing	Plugs: Brass, Nickel plated Pin contacts: Copper alloy, Electro tinned		

CA028

Mfrs. List No.	Order Code	Price Each				
		1+	10+	50+	100+	250+
TRA3M	697-904					

HR10A Series Connector

HRS



972-514	972-526	972-538
L = 16, Dia = 14	L = 58.8, Dia = 19	L19.2, Dia = 15.4

- Compact, low cost multipole connector
- Threaded and push-pull coupling
- Same electrical performance as HR10
- Ideal application for audio/video and computer market

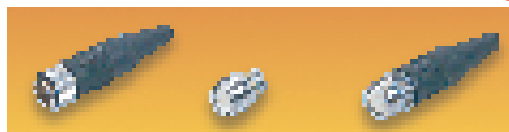
Contact Rating	2A @ 100Vac/140Vdc	Housing	Zinc alloy, nickel plated matt finish
Withstand voltage	300Vac for 1 minute	Insulator	Black PBT
Contact resistance	100mΩ max	Contacts	Beryllium copper, silver plated

FOR SUITABLE CABLE CLAMP TOOL, ORDER CODE 886-154 SEE SECTION 14 CA029

No. of ways	Mfrs List No.	Order Code	Price Each			
			1+	25+	50+	100+
Threaded Coupling						
12 free plug	HR10A-10TP-12P	.972-496				
12 Jack skt (in-line)	HR10A-10TJ-12S	.972-502				
12 panel socket	HR10A-10TR-12S	.972-514				
Push-Pull Coupling						
20 free plug	HR10A-13P-20P	.972-526				
20 panel socket	HR10A-13R-20S	.972-538				

SR30 Series – 4 and 6 Pole

HRS



Free plug L = 51.5, Dia = 13 Cable entry = 4.3 max	Panel socket Cut-out = 9, Dia = 18 Panel thickness = 7.5	Jack socket L = 53.5, Dia = 13 Cable entry = 4.3 max
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- High quality, polarised, screw locking connectors
- Metal bodies and gold plated solder bucket contacts.
- Designed for applications requiring reliable performance in a compact size
- Applications miniature microphones, radio communications and portable equipment.

Current rating	1A	Housing	Brass and zinc alloy, chrome and nickel plated
Working voltage	100V ac, 140V dc	Insulator	Glass filled, white polyacetal
Contact resistance	<10mΩ	Contacts	Plugs: Gold plated brass Sockets: Gold plated copper alloy
Insulation resistance	>200mΩ		
Temperature range	-30°C to +85°C		

Mfrs. List No.	SR30-10PE-4P = 212-027, SR30-10R-6S = 212-064,	SR30-10GP-6P = 212-039, SR30-10JE-4S = 212-088,	SR30-10R-4S = 212-052, SR30-10JE-6S = 212-090
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CA030

No. of Poles	Order Code	Price Each				
		1+	25+	50+	100+	250+
Free Plugs						
4	.212-027					
6	.212-039					
Panel Sockets						
4	.212-052					
6	.212-064					
Jack Sockets						
4	.212-088					
6	.212-090					

In Line and Panel – 5 Pole

HRS



Free plug L = 45.5, Dia = 21.8 Cable entry = 8.5 max	Free socket L = 45.5, Dia = 21.8	Panel plug H = 26, W = 26, D = 26.1	Panel socket H = 26, W = 26, D = 27 Panel cut out = 16 dia Fixing centres = 20 20
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High quality screw coupled connectors conforming to the Japanese **JIS C 5432** specification, for use in professional audio applications, mixing desks and sound recording equipment. Durable, screened aluminium alloy bodies and solder bucket contacts. The insert may be removed from the shell using an Allen key, **Order Code 109-226**.

Current rating	5A	Housing	Nickel plated, aluminium alloy
Working voltage	250V ac, 350V dc	Insulator	Phenol resin
Proof voltage	1000V ac	Contacts	Silver plated copper alloyB
Contact resistance	<5mΩ		
Insulation resistance	>1000MΩ		

Mfrs. List No.	JR13PK-5P = 211-989, R13RK-5P = 212-003	JR13PK-5S = 211-990, JR13RK-5S = 212-015
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CA031

	Order Code	Price Each				
		1+	25+	50+	100+	250+
Free plug	.211-989					
Free socket	.211-990					
Panel plug	.212-003					
Panel socket	.212-015					