

Rectangular Multipole - continued

Tooling for Mini-Fit Jr.



A full cycling parallel action ratchet crimp tool with manual release and a contact retaining bar. Suitable for crimping Mini-Fit Junior terminals, 5556 and 5558 16-28 AWG. Supplied with full instructions.

Mfrs. List No. 69008-0724=269-207, 11-03-0044(HT60630B)=525-080

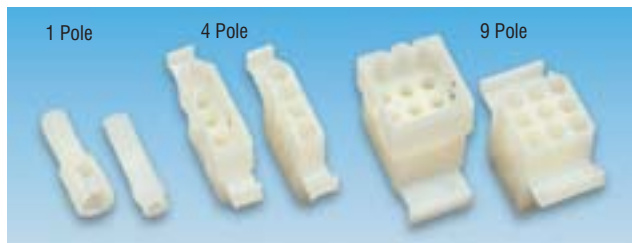
	Order Code	Price Each
Crimp tool	269-207	17,372.00
Extraction tool	525-080	2,150.00

0.093" Crimp Connectors

Max 12A

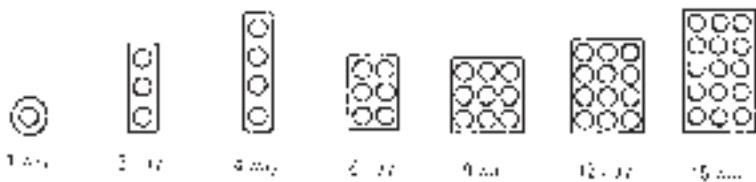
An industry standard connector for applications ranging from domestic appliance to computers. The connectors are moulded from **UL94V-2** rated nylon 6.6 material and consists of a plug and receptacle **each of which can be loaded with plug or socket crimp-on terminals**. As an alternative a 1377 female or 1376 male PCB tail terminator can be fitted for direct mounting of the plug or receptacle housing onto a PCB. The receptacle and plug housing have friction locks (except 12 and 15 way) and integrally moulded mounting ears which bend back for panel mounting. The design of the plug and receptacle ensures positive polarisation. **UL** recognised and **CSA** certified.

Maximum voltage	250V ac	Pin spacing	5.03mm
Maximum current	See below	Terminals	
Temperature range	-40°C to +105°C	Finish	Tin plate
Maximum voltage drop	3mV	Wire size 1189/1190	0.597-1.68mm ²
Dielectric strength	1500V rms for 60 secs	Wire size 1380/1381	0.336-0.933mm ²
Engage force per circuit	0.034N approx	Max insul. O.D. 1189/1190	4.06mm
Disengage force per circuit	0.027N approx	Max insul. O.D. 1380/1381	3.05mm
Body material	Clear nylon UL94V-2		



143-203 Plug housing, 143-204 Receptacle housing, 143-207 Plug housing, 143-208 Receptacle Housing, 143-211 Plug housing, 143-212 Receptacle housing

Housing configurations



Mfrs. Part No.	Mfrs. List No.	Description	Max Cur Per Circuit	Mounting Hole Dim (mm)	Order Code
1619P	(03-09-2011.)	1 way plug housing	12A	—	143-203
1619R	(03-09-2011)	1 way plug housing	12A	—	973-1482
1396P	(03-09-2031)	3 way plug housing	12A	23.70 x 9.52	143-205
1396R	(03-09-1031)	3 way receptacle housing	12A	21.34 x 7.92	143-206
1490P	(03-09-2041)	4 way plug housing	9A	28.73 x 9.53	143-207
1490R	(03-09-1041)	4 way receptacle housing	9A	26.37 x 7.92	143-208
1261P	(03-09-2061)	6 way plug housing	9A	19.05 x 17.65	143-209
1261R	(03-09-1061)	6 way receptacle housing	9A	18.24 x 15.24	143-210
1292P	(03-09-2091)	9 way plug housing	9A	23.80 x 17.56	143-211
1292R	(03-09-1091)	9 way receptacle housing	9A	21.03 x 18.42	143-212
1360P1	(03-09-2122)	12 way plug housing	7.5A	29.34 x 19.30	143-213
1360R	(03-09-1121)	12 way receptacle housing	7.5A	26.67 x 16.64	143-214
1375P4	(03-09-2159)	15 way plug housing	7.5A	34.11 x 19.30	143-215
1375R	(03-09-1151)	15 way receptacle housing	7.5A	31.50 x 16.64	143-216

No. of Ways	Housing	Order Code	1+	10+	100+	500+	+
1	Plug	143-203 ‡	13.00	10.00	7.00	5.00	--
1	Plug	973-1482 ●	13.00	10.00	7.00	5.00	--
1	Receptacle	143-204 ‡	14.00	12.00	8.00	6.00	--
1	Receptacle	973-1490 ●	14.00	12.00	8.00	6.00	--
3	Plug	143-205 ●	17.00	14.00	10.00	8.00	--
3	Receptacle	143-206 ●	18.00	16.00	10.00	8.00	--

No. of Ways	Housing	Order Code	1+	10+	100+	500+	+
4	Plug	143-207 ●	28.00	23.00	15.00	12.00	--
4	Receptacle	143-208 ●	27.00	22.00	15.00	12.00	--
6	Plug	143-209 ●	47.00	40.00	26.00	19.00	--
6	Receptacle	143-210 ●	47.00	40.00	26.00	19.00	--
9	Plug	143-211 ●	35.00	30.00	20.00	16.00	--
9	Receptacle	143-212 ●	34.00	29.00	19.00	16.00	--
12	Plug	143-213 ●	69.00	58.00	38.00	28.00	--
12	Receptacle	143-214 ●	69.00	58.00	38.00	28.00	--
15	Plug	143-215 ●	136.00	114.00	74.00	55.00	--
15	Receptacle	143-216 ●	95.00	80.00	52.00	39.00	--

Crimp Terminals for 0.093" Connectors



	Wire Size (AWG)	Wire Size (mm ²)	Insulation Diameter	Eng. No.	Mfrs. List No.	100 Pack Order Code	1000 Pack Order Code
Pin	22-18	0.33 to 0.93	1.52-3.05	1380TL	02-09-2118.	143-219	143-220
Pin	20-14	0.59 to 1.68	1.65-4.06	1190TL	02-09-2103 (USE 143224)	143-223	143-224
Socket	22-18	0.33 to 0.93	1.52-3.05	1381TL	02-09-1118 (USE 143218)	143-217	143-218
Socket	20-14	0.59 to 1.68	1.65-4.06	1189TL	02-09-1103 (USE 143222)	143-221	143-222

Contacts Brass, tin plated

Pack Quantity	Order Code	1+	+	+
Pins				
100	143-219 ‡	357.00	--	--
100	977-3800 ●	336.00	--	--
100	143-223 ‡	352.00	--	--
100	977-3827 ●	440.00	--	--
1000	143-220 ‡	2,638.00	--	--
1000	973-1512 ●	2,638.00	--	--
1000	143-224 ‡	2,492.00	--	--
1000	973-1539 ●	2,492.00	--	--
Sockets				
100	143-217 ‡	336.00	--	--
100	143-221 ‡	374.00	--	--
100	977-3819 ●	374.00	--	--
1000	143-218 ‡	2,638.00	--	--
1000	973-1504 ●	2,638.00	--	--
1000	143-222 ‡	2,638.00	--	--
1000	973-1520 ●	2,638.00	--	--

Tooling for 0.093" Connectors



Mfrs. List No. 69008-0951=285-481, 69008-0950=285-470, 11-03-0006 (HT2038)=143-602

Terminal Size (AWG)	Terminal Eng. No.	Order Code	Price Each
Crimp Tool			
22-18	1380/81	285-481	17,103.00
20-14	1189/90	285-470	14,376.00
Extraction Tool		143-602	2,191.00

Mini-Fit Senior



- Max 49A
- 10mm pitch
- Fully polarised
- Low mating force
- Positive audible click lock
- High current
- Wire-to-wire and Wire-to-board
- **UL & CSA** Approved