

[Key Characteristics

Functionality

- Simple economic assembly
- Self retaining
- Low capacitance

Resilient

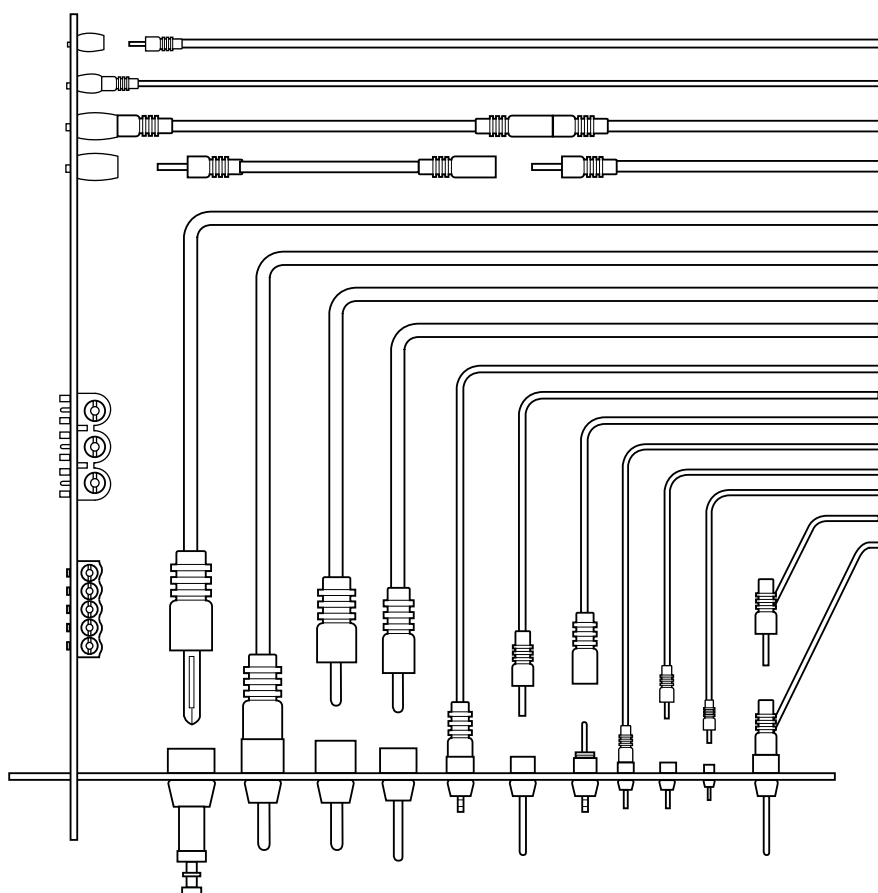
- High Reliability
- Low contact resistance
- High insulation resistance

Applications

- Line and chassis mounting
- Stackable
- PCB edge variations



Using the same technology as the Barb Cone Lock® Insulated Terminals, this product range utilise High Dispersion Grade PTFE for insulation and reliability. The range includes chassis mounting plugs and sockets, line plugs and sockets and multiway edge mounting sockets all in a range of diameters from 0.5 mm to 4 mm with current ratings from 1 to 15 Amps. Typical applications are for test equipment and card rack systems in the military, aerospace and nuclear industries and for high voltage applications up to 4 kV.



[Technical Information

Material	Copper Alloy
Plug Finish	Gold
Socket Finish	Silver

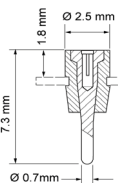
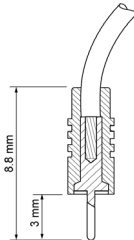
Series Information

Range →	0.55	2-	4-	30	40	50	60	100
Mounting Hole Diameter	2.0mm (0.079")	6.0mm (0.236")	8.0mm (0.312")	2.4mm (0.093")	4.0mm (0.156")	4.0mm (0.156")	4.0mm (0.156")	6.4mm (0.250")
Nominal Diameter plug & socket	0.55mm (0.022")	2mm (0.079")	4.0mm (0.157")	0.9mm (0.035")	1.2mm (0.040")	1.27mm (0.050")	1.52mm (0.060")	2.54mm (0.100")
Max Wire Diameter Conductor Insulator	0.65mm (0.025") 1.15mm (0.045")	2.6mm (0.1") 3.7mm (0.146")	2.64mm (0.104") 3.8mm (0.15")	0.8mm (0.31") 1.2mm (0.047")	1.6mm (0.063") 2.00mm (0.079")	1.6mm (0.063") 2.00mm (0.079")	1.6mm (0.063") 2.00mm (0.079")	3.1mm (0.122") 4.1mm (0.161")
Assembly Tools	P/2 – AT1/23	2P/6 – AT1/22 & AT3/16	4P/8 – n/a	30S/093/V, 30S/093/VL: N/A	-P/156: AT 1/17 & AT3/05	-P/156: AT 1/18 & AT3/05	--P/156: AT 1/19 & AT3/05	100P-250: AT 1/20 & AT3/16
				30S/093: AT 2/12	-FP/156: AT 1/17 --LS/156: AT 2/08 & AT3/05	P/156/S: AT 1/18 ---LS/156: AT 2/07 & AT3/05	-/-: AT 2/09	100 FP/250: AT 1/20
	S/2 – AT2/15	2S/6 – AT2/13	4S/8 – AT2/13	30S/093, 30LS/093: AT 1/21 & AT3/08	-/-: AT 2/11	-/-: AT 2/09	-LS/156: AT 2/06 & AT3/05	100LS/250: AT 2/04 & AT3/16
						FP/156: AT 1/18 -S/156: AT 2/09 -S/156: AT 2/10	-S/156: AT 2/09	100S/250: AT 2/05
Resistance to Axial Pull:	1.8kgf (4lbf)	15kgf (30lbf)	15kgf (30lbf)	2.3kgf (5lbf)	6.8 kgf (15 lbf)			15kgf (30lbf)
Capacitance to Chassis (max.):	0.5pF	2.0pF	2.0pF	1.0pF	1.0 pF			2.0pF
Current Rating:	1A	5A	15A	3A	3A			5A
Rated Voltage:	0.5kV d.c.	2 kV d.c.	2 kV d.c.	2 kV d.c.	2 kV d.c.			4 kV d.c.

[Ordering Information & Dimensions

0.55-, 2-, 4- Range

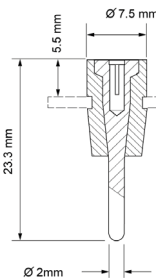
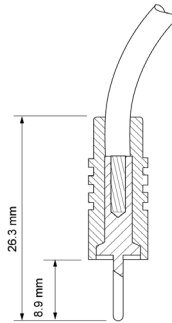
0.55P/2



0.55S/2

Chassis Thickness
0.9 mm (0.036")/
1.2 mm (0.048")

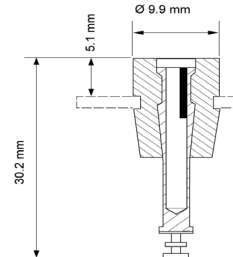
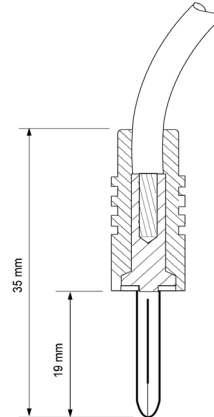
2P/6



2S/6

Chassis Thickness
1.6 mm (0.064")/
2.3 mm (0.092")

4P/8

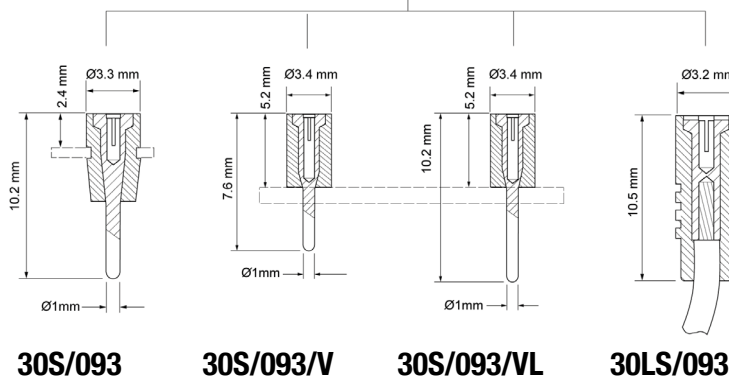
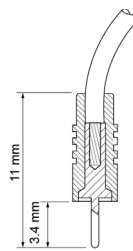


4S/8

Chassis Thickness
1.6 mm (0.064")/
3.2 mm (0.128")

30 Range

30P/093



30S/093

30S/093/V

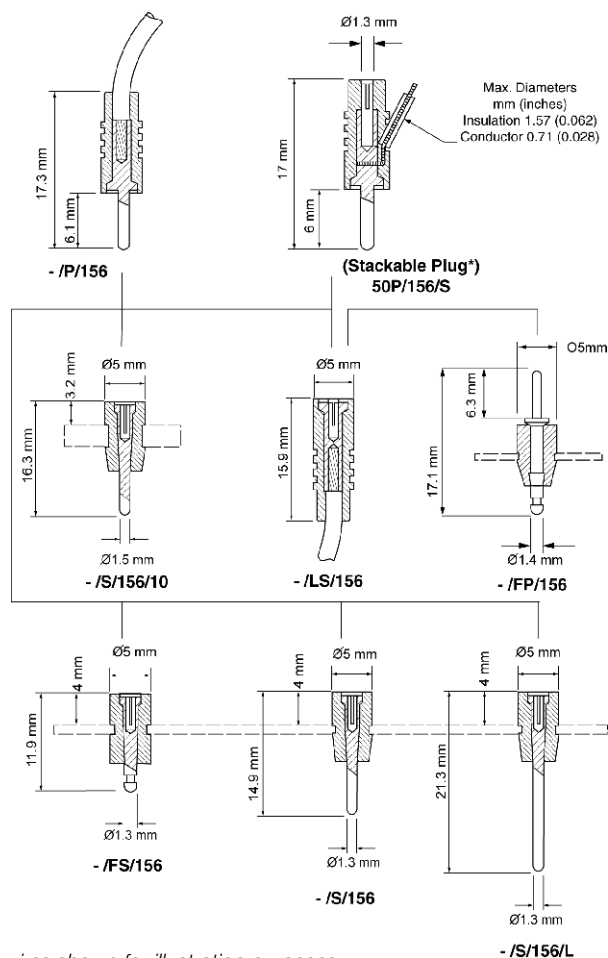
30S/093/VL

30LS/093

wires shown for illustration purposes

[Ordering Information & Dimensions

40/50/60 Range



100 Range

