

Body

Al = polished aluminium, Cd = cadmium-plated,

Ni = nickel-plated Standard colours (where applicable) : Black, blue, green, red, white or yellow.

Centre-contact: silver-plated

Standard Coaxial Connectors



L734/P/Al



Free Plug,

L1556/Colour



**Free Plug,
Insulated**

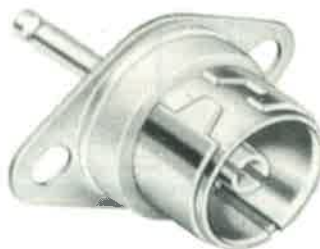
L734/J/Al



Free Socket,

L604/S/Cd & /Ni

**Panel Socket,
Surface mounting**



L603/Colour

**Panel Socket,
Polystyrene insulated**



L734/S

**Panel Socket,
flush mounting (Cd)**



L616/Cd & /Ni

Cable Adaptor



L617/Cd & /Ni

Panel Adaptor



L1498

**Panel Socket,
printed circuit (Cd)**



**Body
Housing**

Centre Pole

Insulator

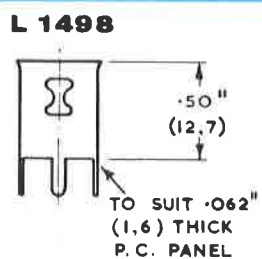
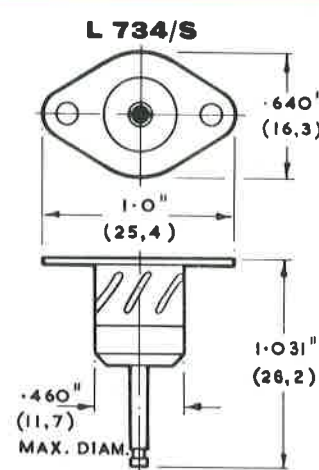
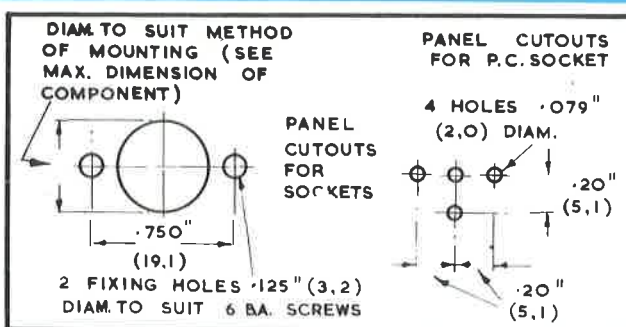
Collet Clamp

Cap



Originally developed for the television industry, these connectors, owing to the technical excellence of their design, were quickly adopted by instrumentation engineers, and also received quality approval for use by H.M. Services. Such qualities were achieved at very low cost through production by mass manufacturing methods.

A selection of sockets is provided in which the mouth is re-inforced by a powerful circlip; this imparts great mechanical strength while maintaining a high degree of resilience. A patented collet clamp makes an efficient braid connection and anchorage in cable-mounting members; the centre conductor is solder connected but, alternatively, may be crimped in L1329/Ni. Various wall-mounting sockets are available in our range of television accessories.



DIMENSIONS
Cut-outs minima, normal tolerance $+0.005$ Overall sizes and fixing centres nominal.
Figures in brackets are approx. mm equivalents.

Specifications:	Mating, B.S. 3041: 1958; Qual. Approval (L604/S) DEF. 5322.	Cable size:	Inner 1,2mm (0.048 in) max. Overall, 3,2 – 7,9mm (0.125 – 0.312 in).
Impedance:	60 - 70 ohms.	Insulants – internal:	L604/S, L616, L617, L734/P, L734/J, L734/S, L1329, Polyethylene. L603, Polystyrene.
V.S.W.R. (free plugs & sockets):	< 1.2 : 1 up to 250 MHz	external:	L1498, L1556, Polypropylene. L603, Polystyrene. L1556, Polypropylene.
Capacitance:	< 5 pF.	Weights (average):	L603 - 5,1g (0.18oz). L604/S, L616 - 5,3g (0.19oz). L617 - 9,4g (0.33oz). L734/J/Al-7,1g (0.25oz) L734/J/Ni-14,7g (0.52oz). L734/P/Al - 5,1g (0.18oz). L734/P/Ni-11,8g (0.42oz). L734/S-3,2g (0.11oz). L1329/Ni-13,7g (0.49oz). L1498-3g (0.11oz), L1556 4,8g (0.17oz).
Breakdown voltage (d.c.):	> 4kV.		
Insulation resistance:	> 10 ³ megohms.		
Contact resistance:	Inner <10 milliohms, outer <5 milliohms.		
Temperature range:	-40°C to +70°C.		
Insertion/withdrawal force:	<25 lb (11,34 kg).		