



L1403 SERIES

SUB-MINIATURE COAXIAL CONNECTORS

These connectors incorporate a positive locking feature achieved by means of a hexagonal clamping nut in conjunction with a silicone elastomer washer to obviate loosening under vibration. They are widely used in government defence contracts.

They are compatible with the American Microdot Series. These are the American equivalents: CS – Microdot 31-50, BS – Microdot 33-53, FP – Microdot 32.21 or 32.23

IMPEDEANCE:	50 ohms nominal
V.S.W.R.:	<1.1 at 200 and 500 Mhz
BREAKDOWN VOLTAGE (DC):	>1kV at sea level >300V at 30,000m
INSULATION RESISTANCE:	≥10 x 10³ megohms
CONTACT RESISTANCE AND SCREEN CONTINUITY:	≤5 milliohms
CAPACITANCE:	≤4pF
TEMPERATURE RANGE (AMBIENT):	-55°C to +85°C Will stand short-term exposure at 125°C
HUMIDITY:	H5 (DEF-5011)
LOW AIR DENSITY:	Severity D2 (30,000m, DEF-5011)
ACCELERATION:	Severity A2 (50g DEF-5011)
SHOCK:	Severity S1 (50g DEF-5011)
VIBRATION:	Severity V3 (5-5000 Hz, DEF-5011)
PANEL THICKNESS:	BS 1.2-1.6mm CS 0.4-3.4mm PCS 1.6mm
FIXING AND LOCKING TORQUE:	0.67 Nm maximum
CABLE DIMENSIONS AND SUITABLE TYPES (MAXIMUM):	Screen 1.8mm Inner Conductor 0.6mm OR94, URM95, URM110
MATERIALS:	Brass pins, Hidurel 5 sockets and brass bodies all gold plated. Insulent – PTFE. Rubber washer and sleeve – silicone.

Dialight BLP reserve the right to change without prior notice the information contained within this leaflet

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