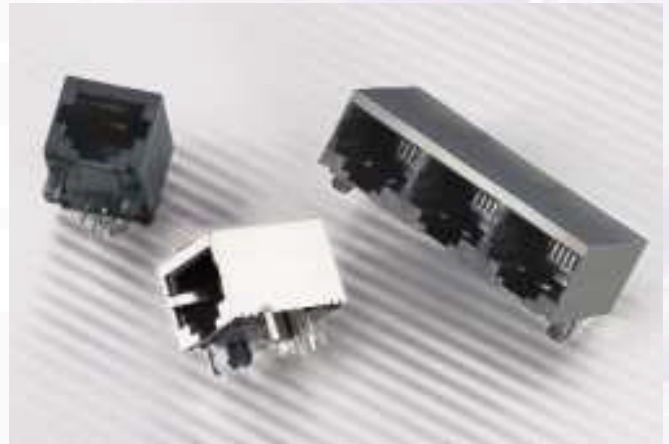


FRJ/FRJA Series

FILTERED & SHIELDED

Modular Jack with Superior EMI Performance

The FRJ and FRJA series of shielded and filtered modular jacks offer low cost and effective EMC control within standard RJ-11 and RJ-45 connector footprints. EMC control is offered by a completely shielded connector and/or with the use of a high resistivity, high impedance ferrite block. No board layout changes are required for its use. Simply replace the standard non-filtered connector for superior EMC performance.



Specifications

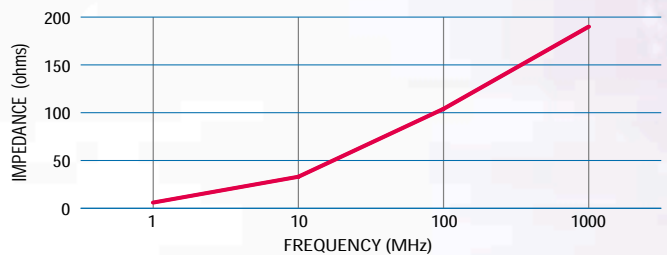
MATERIAL

Shield:	Copper Alloy; Tin/Lead Plated
Contacts:	Phosphor Bronze; Gold over 30μ inches (0.76 microns) over Ni
Insert:	For FRJ, High Temperature Resistant Nylon. For FRJA, Thermoplastic Polyester (Complies with UL 94V-0)
Filter:	High Impedance, High Resistivity, Ferrite Block

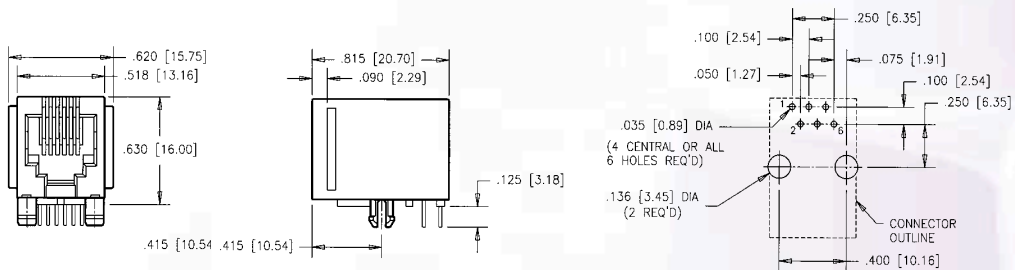
ELECTRICAL

Contact Resistance:	20 Milliohms maximum
Insulation Resistance:	500 Megaohms minimum
Current Rating:	1.5 Amps
Voltage Rating:	125 Volts AC
UL File # :	E135615
CSA File #:	LR68598

Impedance Characteristics



6 Position Filtered - High Profile



4 Contacts:

Standard Jack:	FRJ-104
Filtered:	FRJ-144

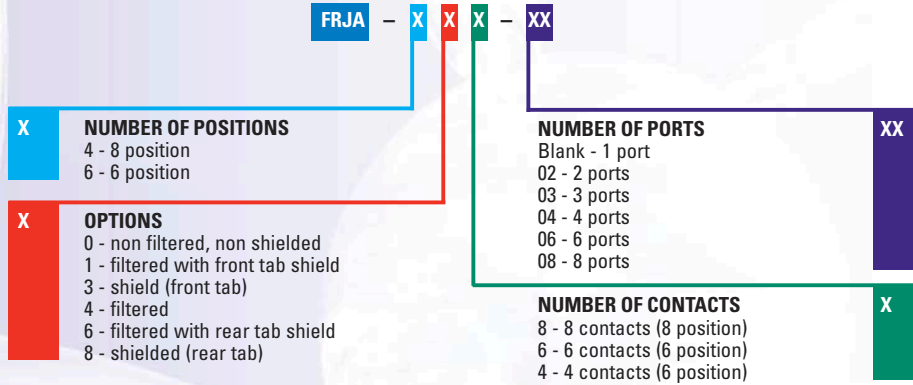
6 Contacts:

Standard Jack:	FRJ-106
Filtered:	FRJ-146

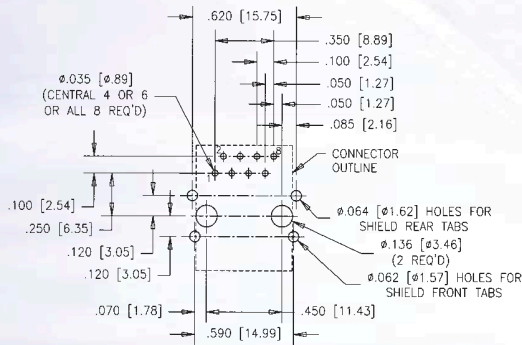
FRJA Series

FILTERED & SHIELDED

Ordering Information

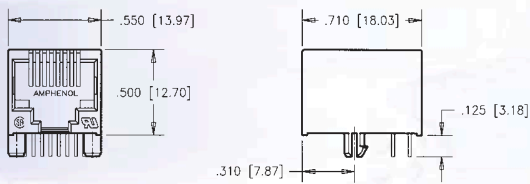


PCB LAYOUT



Single Port (8 & 6 position)

NON-SHIELDED



SHIELDED

