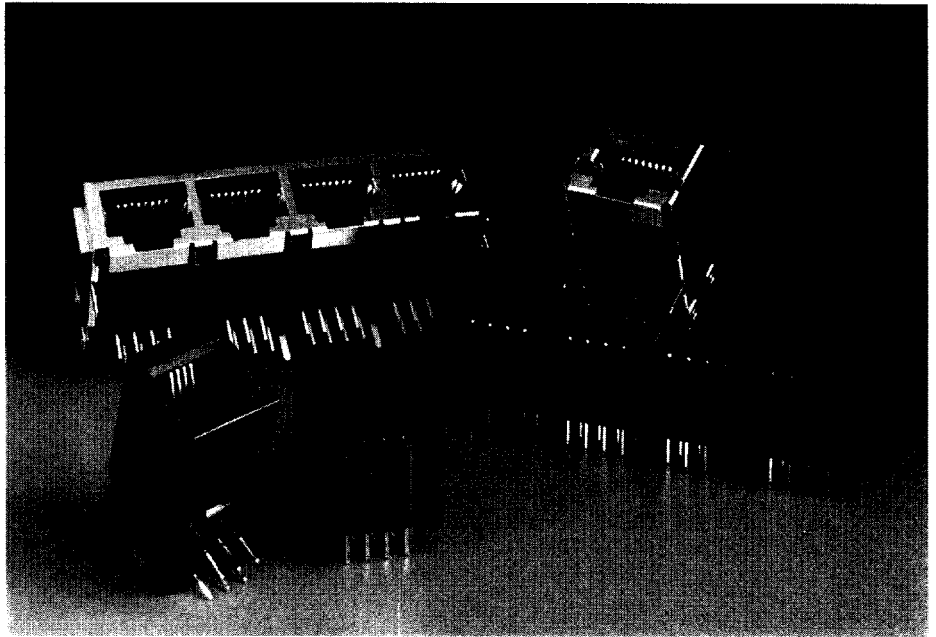


Features/Benefits

For Commonly Ordered Parts See Page 76

- Filter jacks are available in multiport harmonica style
- Filter jacks are compatible with industry-standard contact footprint and envelope dimensions
- Filter jacks are fast, drop-in replacements for standard jacks to reduce EMI emissions



The 72 Series Filter jacks offer filtering capabilities for your high-speed network and telecom applications.

Specifications

Stewart Product Specification Number: PR001-01

Materials

Jack Housing: UL 94V-0-rated glass-filled thermoplastic

Contacts: Copper alloy

Contact Plating: Selective gold plate in contact area, tin-lead in solder tail area

Shielding: Tin-plated brass

Electrical Characteristics

Current Rating: 1.5 A (maximum) @ 25° C

Voltage Rating: 150 VAC (maximum)

Low-Level Contact Resistance: 20 m Ω (maximum) allowable change at FCC specifications (using Stewart Connector plug)

Dielectric Withstanding Voltage: 1 min. (60 Hz)
1000 VDC contact to contact,
1500 VDC contact to shield

Insulation Resistance: 500 M Ω (minimum)

Mechanical Characteristics

Contact Normal Force: 100 g (minimum)

Jack Tolerances and Dimensions:

Compliant with FCC requirements

Environmental Characteristics

Operating Temperature: -40° C to 85° C

Approvals/Certifications

UL Approval

File Number E132408



DUXR2

Communication Circuit Accessories—Component

DUXR8

Communication Circuit Accessories
Certified for Canada—Component

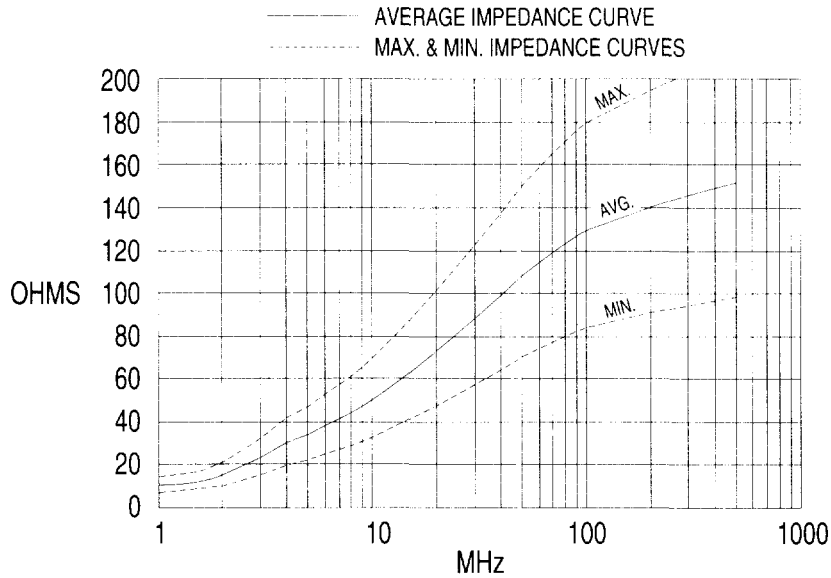
Meets requirements of FCC Part 68.5 when plated with 50 [1.27 μ m] microinches of gold

• Overview

For Commonly Ordered Parts See Page 76

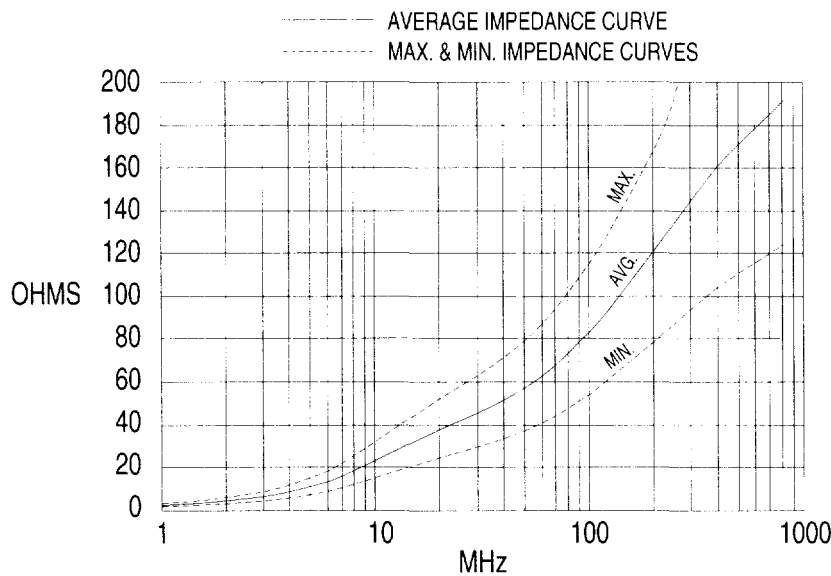
Stewart Connector offers two filter inserts for protection against electromagnetic interference (EMI). The filters, FR1 and FR3, are available for all 64 Series and 66 Series jacks *(see pages 6-17 and 38-47). Filter jacks are also available with LED's.

IMPEDANCE CURVE FOR FR1 INSERT



The FR1 insert is for the 30 MHz to 200 MHz range

IMPEDANCE CURVE FOR FR3 INSERT



The FR3 insert is for the 200 MHz to 400 MHz range

*Available for 8 position jacks only.
**Consult Stewart for details

Notes

Series 72 - Filter Jacks
Commonly ordered parts:

Part Number	Contacts	Positions	Description
Standard Shield			
SS-728802SFR1-A-NF	8	8	2-port, standard shield w/o panel stop flanges, FR1 filter insert
SS-728804SFR1-A-NF-AC	8	8	4-port, standard shield w/o panel stop flanges, w/ rear shield solder tails, FR1 filter insert
SS-728806SFR1-A-NF	8	8	6-port, standard shield w/o panel stop flanges, FR1 filter insert
SS-728808SFR1-A-NF	8	8	8-port, standard shield w/o panel stop flanges, FR1 filter insert
Enhanced Shield			
SS-7288SFR1-A-PG4-BA	8	8	1-port, PG4 enhanced shield style, top and bottom shield tabs, FR1 filter insert