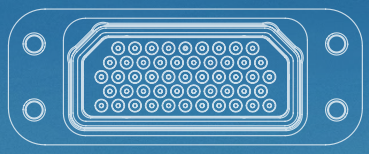
R58

FILTERED AND RECTANGULAR CONNECTORS



R58

Amphenol Canada is the only qualified supplier for the Mil Spec JN1122

Amphenol CANADA

MILITARY & AEROSPACE

Amphenol CANADA
MILITARY & AEROSPACE

For more than 50 years, Amphenol Canada Corp. a subsidiary of Amphenol Corporation has been an international leader in the manufacture of Rectangular I/O and EMI Filtered Connectors.

We design, manufacture and test EMI / EMP filter and non-filter connectors, which are used worldwide in military, aerospace, and commercial applications. As part of Amphenol Corporation, we have the advantage of access to technologies and processes of Amphenol's worldwide facilities. Our expertise in understanding and supporting our customers' interconnect needs has earned us a reputation of excellence among the world's leading users of electronic components.


SMITHERS
QUALITY ASSESSMENTS

CERTIFICATE OF APPROVAL

This is to Certify that the Quality Management System of:

Amphenol Canada Corp.
605 Milner Avenue
Toronto, ON M1B 5X6 Canada
(Page 1 of 2, see appendix)

has been assessed to and approved in accordance with the requirements of AS9104/1:2012-01 by Smithers Quality Assessments, an accredited Aerospace Registration Management Program Certification Body, under the ICOP scheme, to the following quality management system standards and requirements:

AS9100:2016

The Multiple Site Certification Structure Quality Management System is Applicable to:

Design, manufacture, sale and support of filter connectors and interconnect products to the industrial, military and aerospace markets worldwide.

Approval
Certificate Number: 18.200.1

Original Approval: July 19, 2018*
Current Certificate: July 19, 2018
Certificate Expires: July 18, 2021
*Originally certified August 23, 2006 by another accredited registrar.

on behalf of SQA - J. Michael Hochschwender, CEO

The approval is subject to the company maintaining its system to the required standards which will be monitored by Smithers Quality Assessments, Inc., 121 S. Main St. Suite 300, Akron, Ohio 44308, USA

CUSTOMER SERVICE

At Amphenol Canada, customer service is a solid commitment from all our employees. Our product managers, application engineers, product specialists, and sales representatives are able to answer your questions and assist you in choosing the right connectors for your applications.

Using Amphenol's on-line computer system, we are able to promptly update you on your order status, provide you with price and delivery quotations, and address any problems or questions you might have.

Whether you need standard or custom designed connectors, our marketing department is your liaison with Amphenol Canada's engineering, quality and manufacturing experts.


SMITHERS
QUALITY ASSESSMENTS

CERTIFICATE OF APPROVAL

This is to Certify that the Quality Management System of:

Amphenol Canada Corp.
605 Milner Avenue
Toronto, ON M1B 5X6 Canada
(Page 1 of 2, see Appendix)

has been assessed and approved by Smithers Quality Assessments, Inc., to the following quality management system standards and requirements:

ISO 9001:2015 with Design

The Quality Management System is Applicable to:

Design, manufacture, sale and support of filter connectors and interconnect products to the industrial, military and aerospace markets worldwide.

Approval
Certificate Number: 18.200.2

Original Approval: July 19, 2018*
Current Certificate: July 19, 2018
Certificate Expires: July 18, 2021
*Originally certified August 23, 2006 by another accredited registrar.

on behalf of SQA - J. Michael Hochschwender, CEO

The approval is subject to the company maintaining its system to the required standards which will be monitored by Smithers Quality Assessments, Inc., 121 S. Main St. Suite 300, Akron, Ohio 44308, USA

QUALITY AND RELIABILITY

Certified to ISO 9001:2015+ AS9100D
Amphenol Canada's broad base of customers and the high levels of technology in which they are involved make it essential that Amphenol's own products are of the highest quality and reliability.

Please contact us for RoHS requirements.

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TABLE OF CONTENTS

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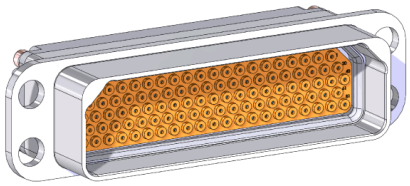
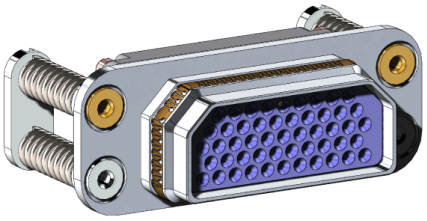
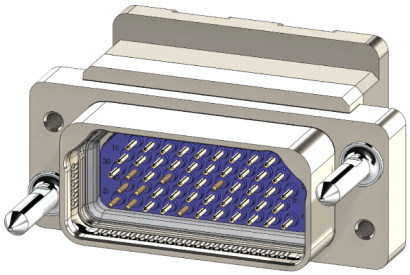






Filter Connector

The Amphenol R58 series are high-performance environment-resistant, rectangular connectors designed to be compatible with all MIL-DTL-83733 connectors and Amphenol Canada is interchangeable with all M83733 connectors and the only qualified supplier for the Mil Spec JN1122.

FEATURES & BENEFITS

- Harsh environmental applications
- Shield and corrosion resistance
- Rear release crimp snap-in contacts
- Field proven assembly allow contacts to be inserted and extracted from the rear
- Contacts are qualified to Military Specifications

The connectors are available in two shell sizes with a variety of hard and spring mounting configurations.

A broad range of contact arrangements is available from custom to 185 standard contacts. The standard contacts are available in sizes 12, 16, 20 and 22D in crimp and PCB. Fiber optic contacts are also available. Shells are machined aluminum alloy with several finish options, including Olive Drab Chromate over Cadmium, and Electroless Nickel.

Insulators are a high grade, thermoplastic. Silicone rubber is used for grommets, inter-facial seals and peripheral seals.

Filtered versions are also available (458 Series).

SPECIFICATIONS

DIELECTRIC WITHSTAND VOLTAGE:

- 1300 VAC for size 22 contacts
- 1500 VAC for power contacts
- 500 VAC for shield contacts

INSULATION RESISTANCE:

- 5000 MΩ @ 500 VDC
- Temperature range of -55°C to +125°C

CONTACTS:

- Contacts are M39029/57 & M39029/58 for size 22D, and M39029/4 & M39029/5 for sizes 20,16 & 12.
- Size 12 coax is M39029/50 & M39029/51. Fiber-Optic contacts available

CONTACT TERMINATIONS:

- Crimp, PCB

MATERIALS:	
Shell	Aluminum Alloy
Insert	Thermoplastic
Hardware	CRES=Corrosion Resistant Stainless Steel
Contact Retention	BeCu=Beryllium Copper

PART NUMBER KEY

1. Military	2. Connector Series	3. Base / Number	4. Class	5. Shell Size	6. Insert Pattern A or B
M	83733	/7	R	B	051

STEPS	PART #	DESCRIPTION
1. MILITARY	M	Military- Amphenol Canada offers a commercial equivalent to the M83733 Military specification
2. CONNECTOR SERIES	83733	

3. BASE SLASH NUMBER	/ NO.	CONTACT GENDER	MOUNTING STYLE	
	/1	Receptacle (Pin)	G	(4x) .281 (7.14) Thru Holes
	/2	Plug (Socket)	X	(2x) Guide Pins, (2x) Spring Mounts
	/3	Receptacle (Pin)	X	(2x) Guide Sockets, (2x) 6-32 mounting holes
	/4	Plug (Socket)	K	(4x) .138-32 UNC-2B Mounting w/ Captive Spring Mount Assembly
	/5	Receptacle (Pin)	C	(4x) .138-32 UNC-2B Self-Locking Bushings
	/6	Receptacle (Pin)	F	(4x) .138-32 UNC-2B Clinch Nuts
	/7	Plug (Socket)	Y	(2x) .138-32 UNC-2B Mounting, w/ Spring Mount Assembly, (2x) Guide Sockets
	/8	Receptacle (Pin)	Y	(2x) Guide Pins, (2x) 6-32 mounting holes
	/9	Receptacle (Pin)	M	(2x) .281 (7.14) Thru Holes
	/10	Receptacle (Pin)	H	(2x) .138-32 UNC-2B Self-Locking Bushings
	/11	Receptacle (Pin)	Z	(2x) .138-32 UNC-2B Clinch Nuts
	/12	Plug (Socket)	H	(2x) .138-32 UNC-2B Mounting, w/ Spring Mount Assembly

4. CLASS	R	Environmentally Resistant
	S	Space Environment Applications

5. SHELL SIZE	A	Small Shell
	B	Large Shell

6. INSERT PATTERN A	018	18x sz 12 Contacts
	032	32x sz 16 Contacts
	051	51x sz 20 Contacts
	131	131x sz 22D Contacts

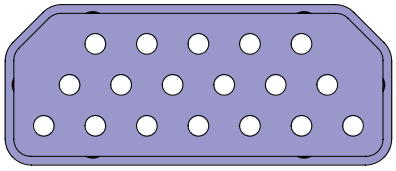
6. INSERT PATTERN B	030	30x sz 12 Contacts
	048	30x sz 16 Contacts - 18x sz 12 Contacts
	59W7	52x sz 16 Contacts - (W7) 7x COAX Contacts
	064	64x sz 16 Contacts
	071	56x sz 20 Contacts - 15 x sz 12 Contacts
	71C15	56x sz 20 Contacts - (C15)15x sz 12 Contacts
	078	38x sz 20 Contacts - 40x 16 Contacts
	101	101x sz 20 Contacts
	185	185x sz 22D Contacts

R58

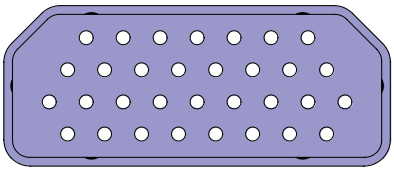
PART NUMBER KEY

1. RoHS Compliance	2. Connector Series	3. Shell Size	4. Insert Patterns A or B	5. Contact Gender	6. Termination Style	7. Mounting Style	8. Shell Finish
E	R58	A	018	P	B	C	N

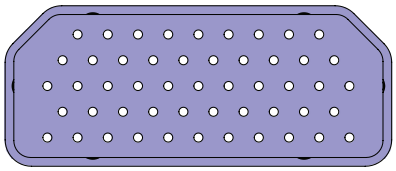
STEPS	PART #	DESCRIPTION
1. ROHS COMPLIANCE	E	RoHS Compliant (Omit for non-RoHS compliant connectors)
2. CONNECTOR SERIES	R58	Rectangular M83733 Style
3. SHELL SIZE	A	Small Shell
	B	Large Shell
4. INSERT PATTERN A	018	18x sz 12 Contacts
	032	32x sz 16 Contacts
	051	51x sz 20 Contacts
	084	86x sz 22 Contacts - 2x COAX Contacts
	105F4	101x sz 22 Contacts - 4x sz 16 Fiber Contacts
	131	131x sz 22D Contacts
5. INSERT PATTERN B	030	30x sz 12 Contacts
	048	30x sz 16 Contacts - 18x sz 12 Contacts
	59W7	52x sz 16 Contacts - (W7) 7x COAX Contacts
	064	64x sz 16 Contacts
	071	56x sz 20 Contacts - 15 x sz 12 Contacts
	71C15	56x sz 20 Contacts - (C15)15x sz 12 Contacts
	078	38x sz 20 Contacts - 40x 16 Contacts
	101	101x sz 20 Contacts
	185	185x sz 22D Contacts
6. CONTACT GENDER	P	Pin (Receptacle)
	S	Socket (Plug)
	H	Pin (Receptacle) with EMI spring
	G	Socket (Plug) with EMI spring
7. TERMINATION STYLES	B	PC Tail
	S	Solder Cup
	T	Crimp
8. MOUNTING STYLE	C	S/B 4x.138-32 UNC-2B self locking bushings for receptacle
	F	(4x) .138-32 UNC-2B Clinch Nuts
	G	(4x) .281 (7.14) Thru Holes (Mounting hardware is separate)
	H	PIN (Recpt) 2x.138-32 UNC-2B Self Locking Bushings, Staggered Mount SKT (Plug) 2x.138-32 UNC-2B Spring Mounts, Staggered Mount
	K	4x.138UNC-2B Mounting w/Captive Spring Mount Assemblies
	M	(2x) .281 (7.14) Thru Holes (Mounting hardware is separate)
	X	PIN (Rcpt) 2x Guide Sockets, 2x.138-32 Mounting Holes
		SKT (Plug) 2x Guide Pins, 2x.138-32 Spring Mounts
	Y	PIN (2x) Panel Mount Hardware, (2x) Guide Pins
		SKT (2x) .138-32 UNC-2B Mounting, w/ Spring Mount Assembly, (2x) Guide Sockets
	Z	PIN (Rcpt) 2x Guide Pins, 2x.138-32 Mounting Holes
		SKT (Plug) 2x Guide Sockets, 2x.138-32 Spring Mounts
9. SHELL FINISH	C	OD Cadmium=Olive Drab Cadmium
	N	Electroless Nickel
	Z	Zinc Nickel



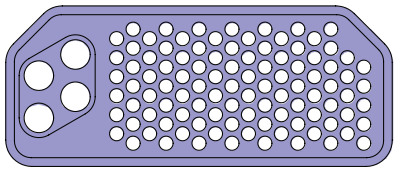
018	
QTY	Size
18	12



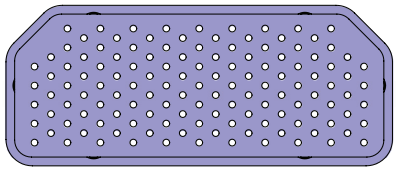
032	
QTY	Size
32	16



051	
QTY	Size
51	20



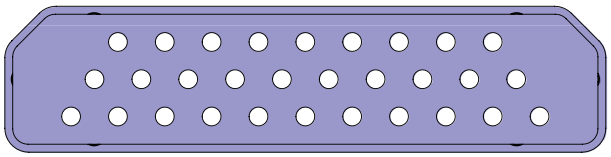
105F4	
QTY	Size
101	22
4	16 Fiber



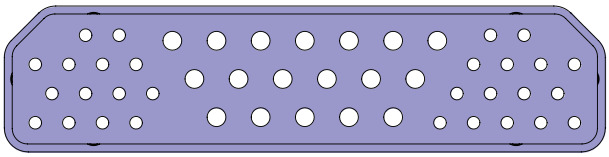
131	
QTY	Size
131	22 D

Insert Patterns Size B

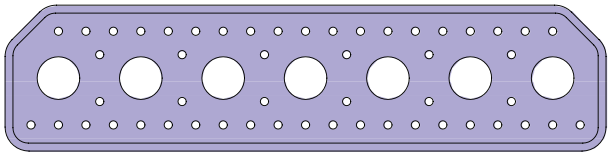
R58



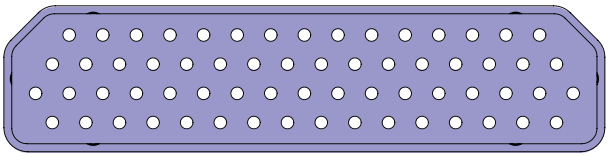
030	
QTY	Size
30	12



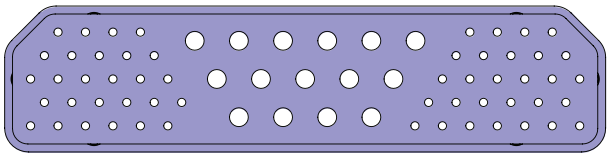
048	
QTY	Size
30	16
18	12



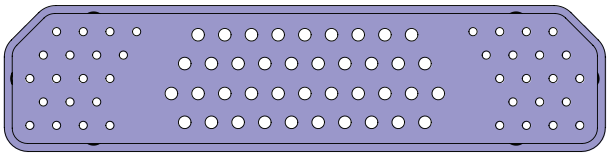
58W7	
QTY	Size
52	16
(W7) 7	Coax



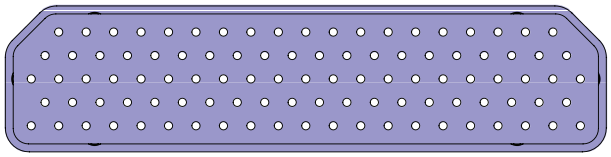
064	
QTY	Size
64	16



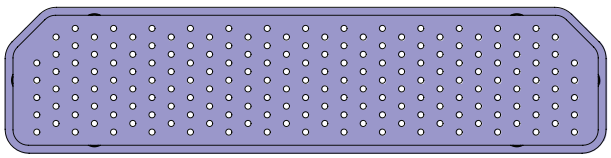
071 and 71C15	
QTY	Size
56	20
15	12 (12 COAX for 71C15)



078	
QTY	Size
38	20
40	16

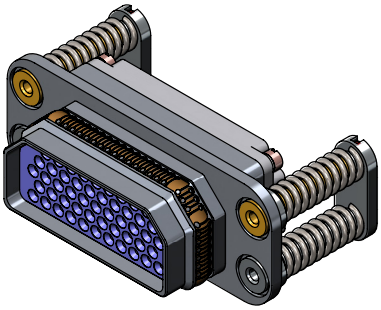


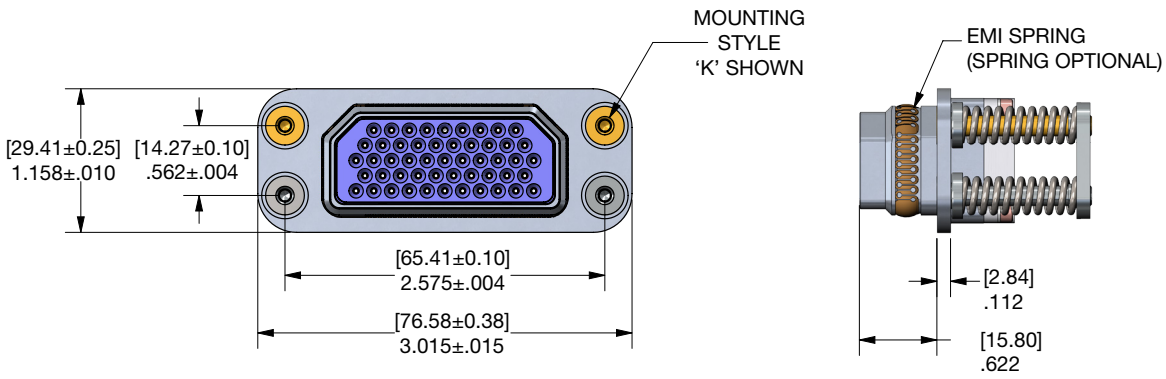
101	
QTY	Size
101	20



185	
QTY	Size
185	22D

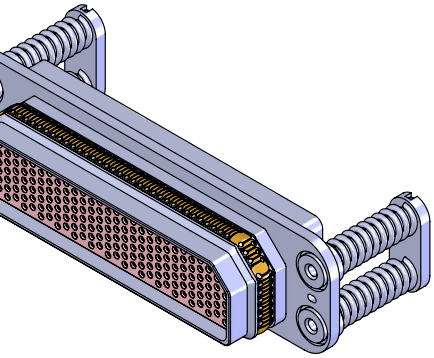
SIZE A PLUG

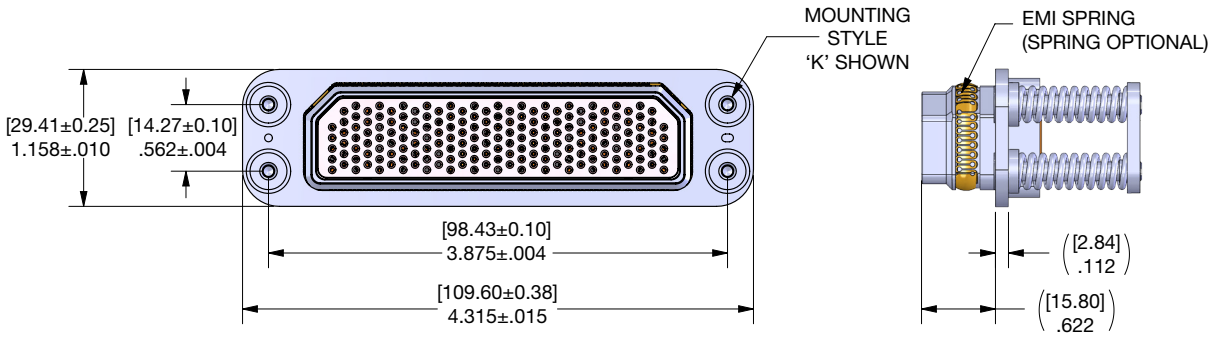




FRONT VIEW

SIZE B PLUG

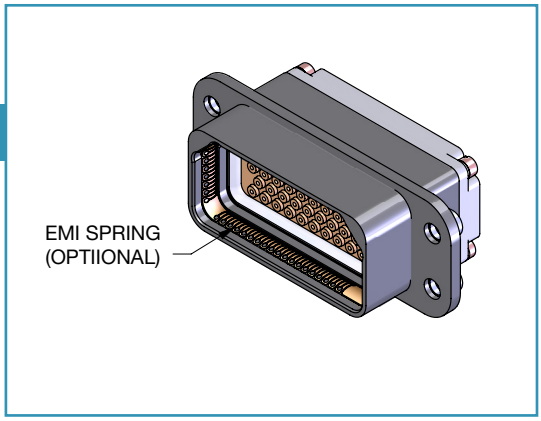


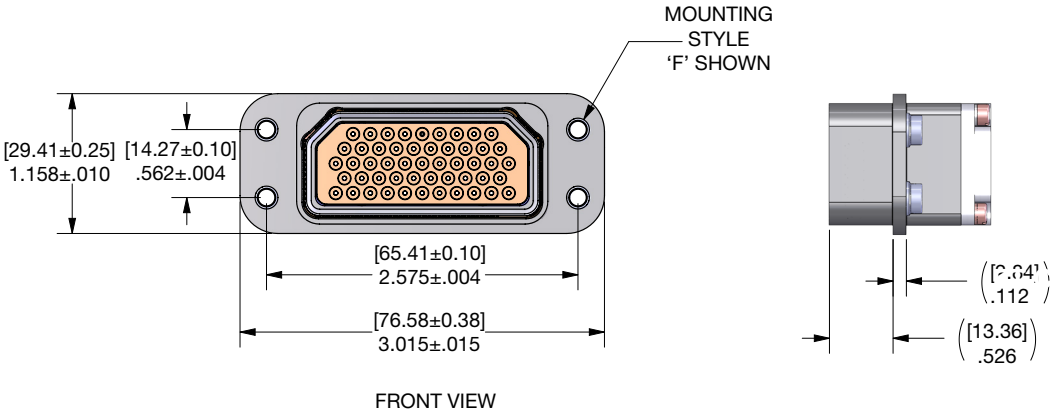


FRONT VIEW

R58

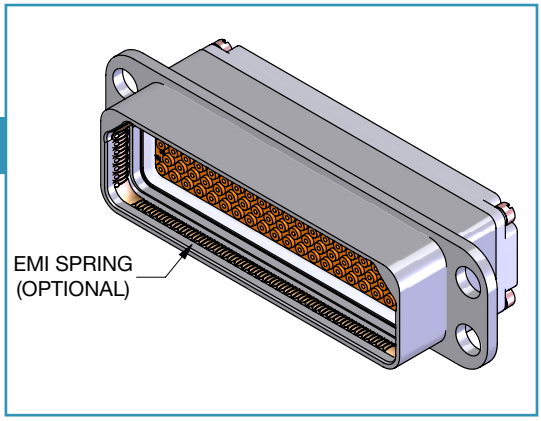
SIZE A RECEPTACLE

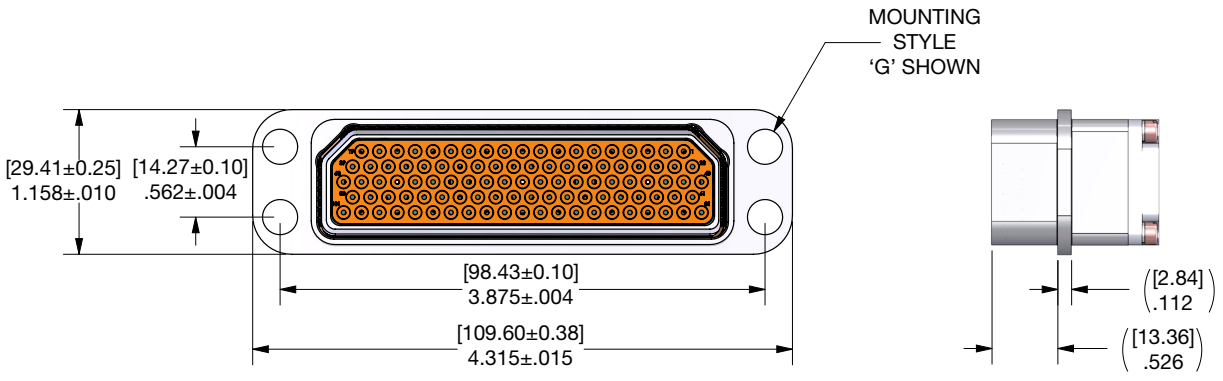




FRONT VIEW

SIZE B RECEPTACLE

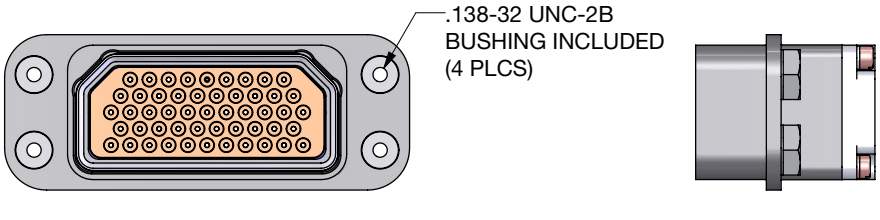




TYPE C PIN MILITARY, SOCKET COMMERCIAL TYPE

M83733/5
TYPE 'C' PIN
MILITARY

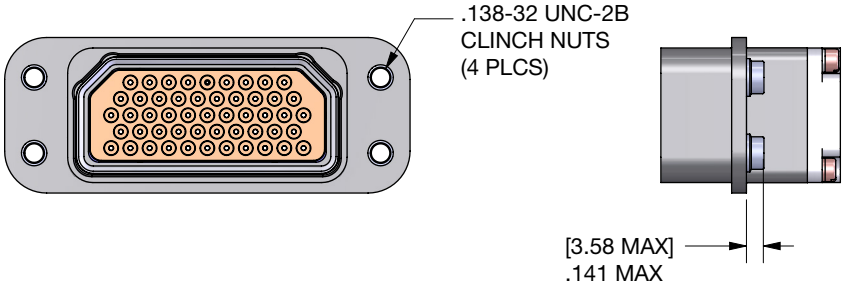
TYPE "C" SKT
WITH BUSHINGS
COMMERCIAL
VERSION



TYPE F PIN MILITARY, SOCKET COMMERCIAL TYPE

M83733/6
TYPE 'F' PIN
MILITARY

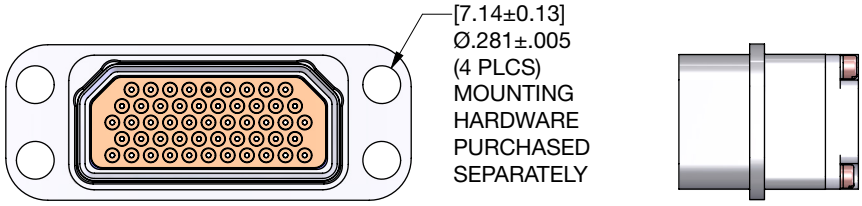
TYPE 'F' SKT WITH
CLINCH NUTS
COMMERCIAL



TYPE G PIN MILITARY, SOCKET COMMERCIAL TYPE

M83733/1
TYPE 'G' PIN
MILITARY

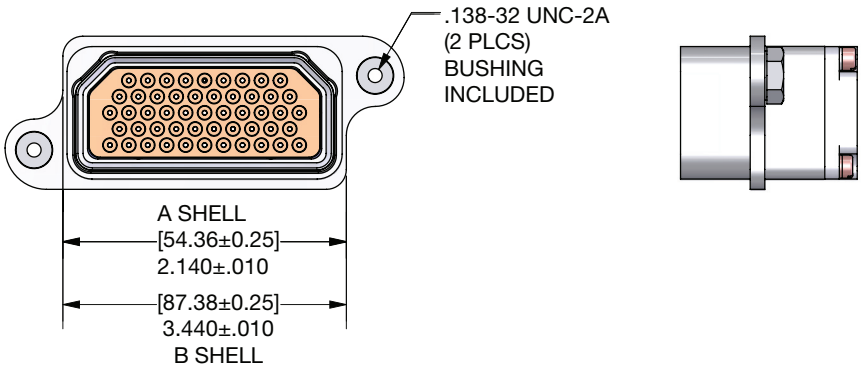
TYPE 'G' SKT
COMMERCIAL



Mounting Styles H Pin & Socket, K Socket

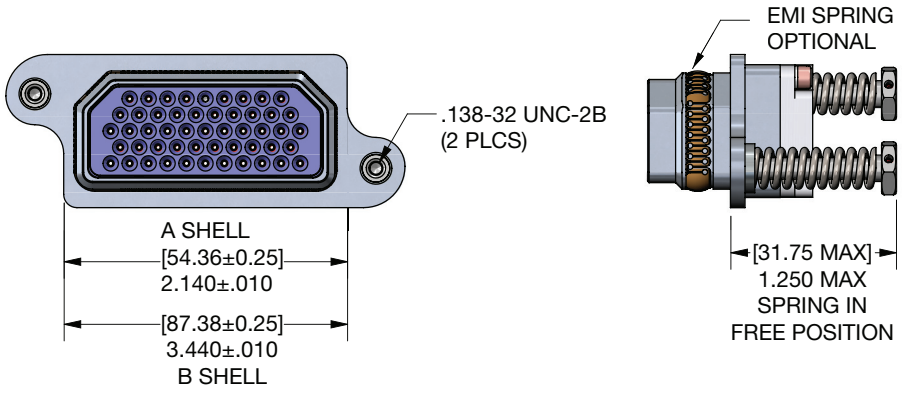
TYPE H PIN

M83733/10
TYPE 'H' PIN



TYPE H SOCKET

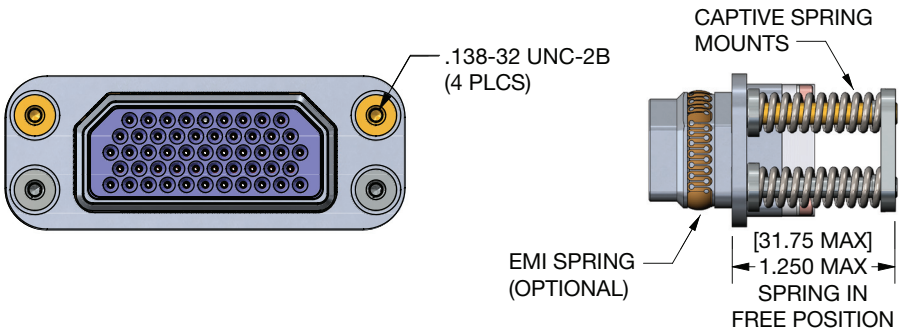
M83733/12
TYPE 'H' SOCKET



TYPE K SOCKET MILITARY, PIN COMMERCIAL TYPE

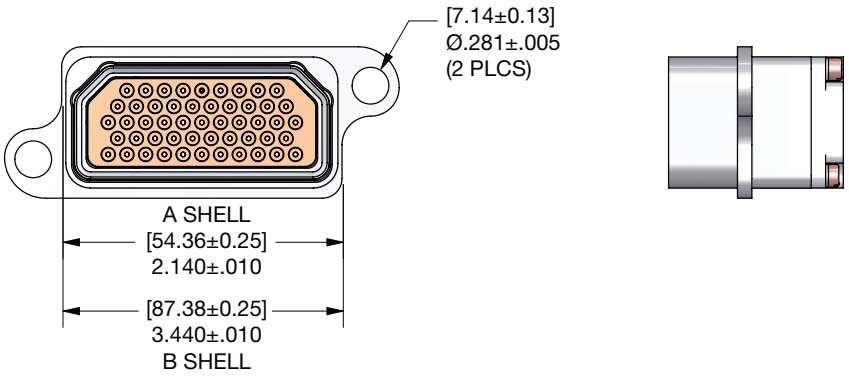
M83733/4
TYPE 'K' SOCKET
MILITARY

TYPE 'K' PIN
COMMERCIAL



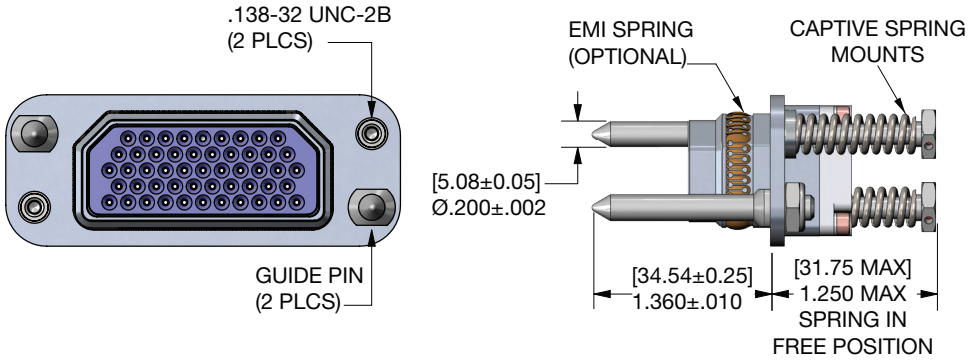
TYPE M PIN

M83733/9
TYPE 'M' PIN



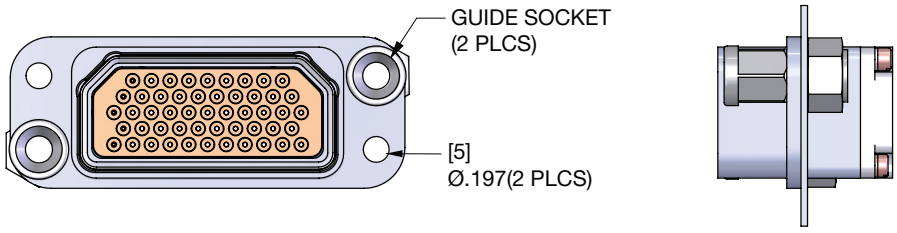
TYPE X SOCKET

M83733/2
TYPE 'X' SOCKET



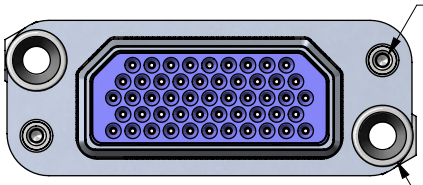
TYPE X PIN

M83733/3
TYPE 'X' PIN



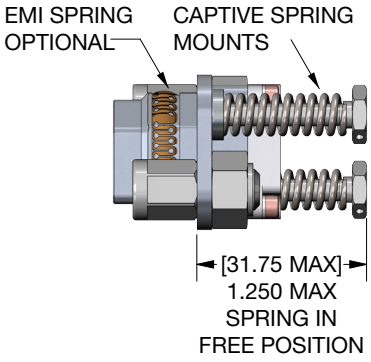
TYPE Y SOCKET

M83733/7
TYPE 'Y' SOCKET



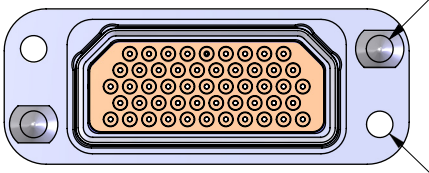
.138-32 UNC-2B
(2 PLCS)

GUIDE SOCKET
(2 PLCS)



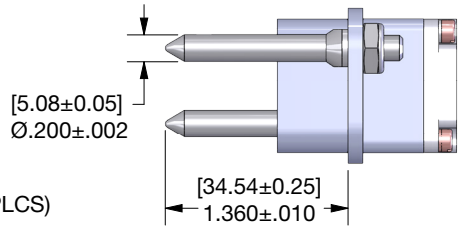
TYPE Y PIN

M83733/8
TYPE 'Y' PIN



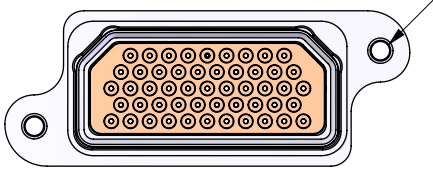
GUIDE PIN
(2 PLCS)

[5]
Ø.197 (2 PLCS)

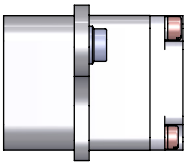


TYPE Z PIN

M83733/11
TYPE 'Z' PIN



.138-32 UNC-2B
CLINCH NUTS
(2 PLCS)



1. RoHS Compliance	2. Connector Series	3. Shell Size	4. Backshell	5. Backshell Style	6. Plating	7. Customer Number
E	R58	B	A	1	N	XXX

1. ROHS COMPLIANCE	
E	RoHS Compliant (Omit for non-RoHS compliant)

2. CONNECTOR SERIES	
R58	Rectangular

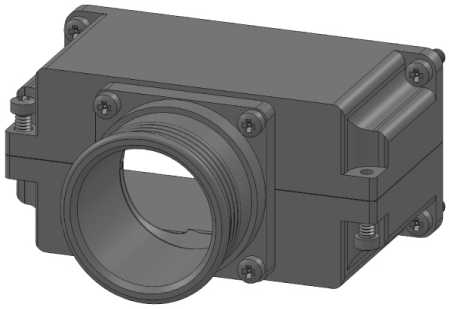
3. SHELL SIZE	
A	Small Shell
B	Large Shell

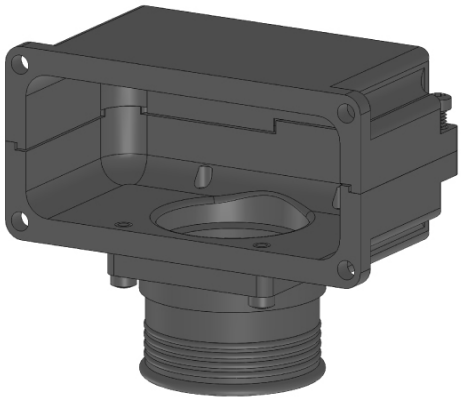
4. BACKSHELL	
S	Straight
R	Right Angle
C	Custom

5. BACKSHELL STYLE	
1	Split, Saddle Clamp
2	Split, EMI
3	One Piece, Sealed, EMI
4	One Piece, Saddle Clamp

6. PLATING	
N	Electroless Nickel
O	OD Chromate
Z	Zinc Nickel
C	Yellow CAD

7. CUSTOMER NUMBER	
XXX	Customer Number





FILTER CONNECTOR DESIGN

Filter connectors have been used for over thirty years to provide cost and space effective solutions to EMI problems in a wide range of military and commercial applications including avionics systems, satellites, missiles, communications, control systems and tempest equipment. A low pass filter connector incorporates capacitors and/or ferrite inductors into the connector body. The two capacitor types commonly used in filter connectors for military or avionics applications are planar arrays and tubular capacitors. Each of these capacitor types is an efficient filter at high frequencies (Up to 1GHz) and has been proven to be extremely reliable when suitably assembled into a connector. Both planar and tubular designs feature Amphenol's unique solder-less construction which reduces stress on the ceramic elements and results in superior physical and thermal shock capabilities.

CAPACITOR TYPES

PLANAR ARRAY DESIGN

Amphenol Canada's planar design consists of planar ceramic capacitor arrays with optional ferrites assembled concentrically over the contacts and into the connector shell. The planars are compressed between rubber gaskets and have contact springs in each position which form a stress isolated connection with the contact body. The planars are grounded to the shell via a ground spring.

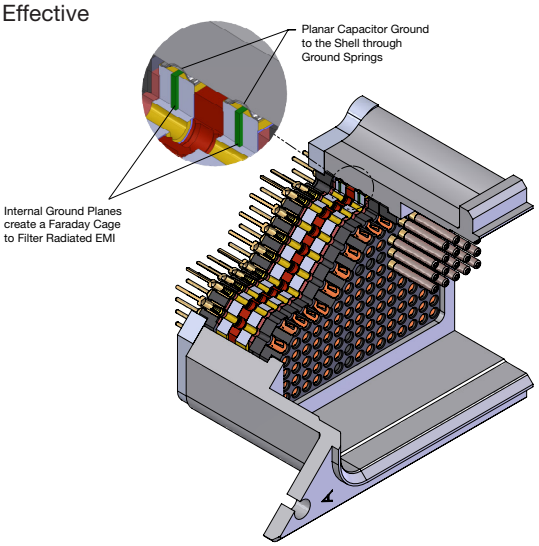
TUBULAR DESIGN

Amphenol Canada's tubular design consists of a ceramic tubular capacitor assembled onto a machined contact. The filter tube is connected to the contact with conductive rubber washers to provide a stress-isolated contact assembly. Grounding is achieved via a ground plate.

WHY USE AN ACC FILTER CONNECTOR

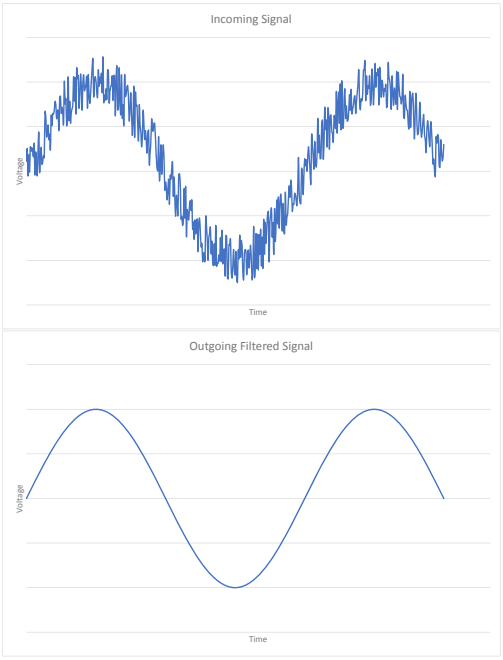
ACC uses a stress-isolated planar array utilizing retention clips instead of solder to electrically connect the planar to the contacts. This provides a more robust and durable design with respect to the typical shock and vibration of aerospace applications. Stress-isolated planar arrays out performs discrete filters by blocking out the radiated EMI as well as filtering out conducted EMI. The ground plate of a tubular design or the internal ground electrodes of a planar design are connected to the shell with minimal aperture size and present an effective barrier to radiated EMI passing through the insert cavity.

- Fewer components = Cost Effective
- Space Saving on the PCB
- Increased Reliability (Solder-less Designs)
- For retrofit applications or late design-in
- Effective against radiated and conducted EMI



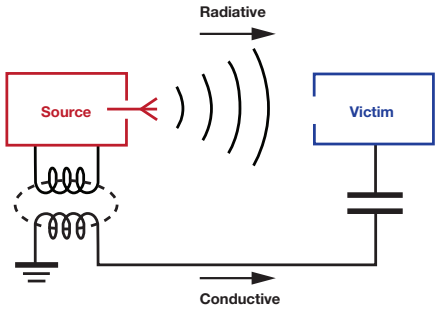
WHAT DOES A FILTER CONNECTOR DO?

A filtered connector filters out noise and cleans a signal through a low pass filter. They allow low frequency signals to pass through, but filter out the higher frequency signals noise/EMI.



ELECTROMAGNET INTERFERENCE (EMI) TYPES: CONDUCTED & RADIATED

Once in a system, EMI can distort signals and can interfere with system functionality. EMI can get into the system through conduction or radiation. Conducted EMI travels through the physically connected lines caused by other electronic devices in the system. Radiated EMI travels through air waves and can affect physically isolated lines.



FILTER CONNECTOR SELECTION

Selection of a particular filter circuit will depend on the required insertion loss characteristics and the system source and load impedances. By arranging the capacitor and ferrites in a variety of combinations a number of equivalent circuits may be attained. The ferrite elements always face the low impedance side of the filter. These filter types are available in a wide range of capacitance and voltage values and may be selected in virtually any combination within the connector insert. In addition to filter contacts, isolated contacts and ground contacts are available.

The following factors may affect the filter performance, and should be considered when selecting a filter connector and Amphenol Canada takes these into account when designing your filter solution.

FILTER CONNECTOR PARAMETERS

Operating/working voltage is specified for the normal signal line voltage. Dielectric Withstanding Voltage (DWV) is specified for the transient voltage surges.

Operating currents cause magnetic saturation of inductive elements (ferrites). Therefore filters with ferrite inductors (Pi, CL, LC and T) will perform much like C filters as the ferrite approaches saturation. The saturation point can vary by ferrite characteristics and size but typically occurs above 0.1 A. The DC current rating through the contact is much higher and only depends on the contact size.

Capacitance and filters can operate between -55˚C to +125˚C; however, the performance can degrade with changes in the temperature. Capacitance and insertion loss performance are shown at 25˚C. The typical high capacitance (>500pF) dielectric (X7R) has temperature coefficients of ±15% from -55˚C to +125˚C. The typical low capacitance (<500pF) dielectric (C0G) has a negligible temperature coefficients of ±0.3% from -55˚C to +125˚C.

Additional transient voltage suppression requirements such as lightning strikes may necessitate the addition of diodes or MOV's to the PCB or in the connector.

CAPACITOR FILTER (C)

- 20 dB per Frequency Decade Typical Increase in Attenuation Slope
- Used mainly for High Frequency Noise
- With High Source and Load Impedance

L FILTER (L-C)

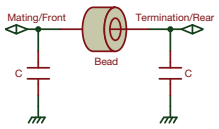
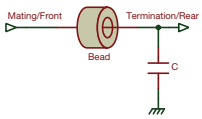
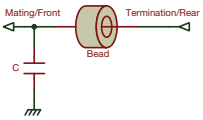
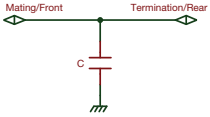
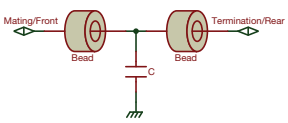
- 20 dB per Frequency Decade Typical Increase in Attenuation Slope
- Used where Source and Load Impedance are Dissimilar
- Ferrite Side of Filter is Connected to Lower Impedance Side of Circuit
- Capacitor Side to Higher Impedance Side

PI FILTER (C-L-C)

- 40 dB per Frequency Decade Typical Increase in Attenuation Slope
- Used where Applications Contain Relatively Higher Source and Load Impedance

T FILTER (L-C-L)

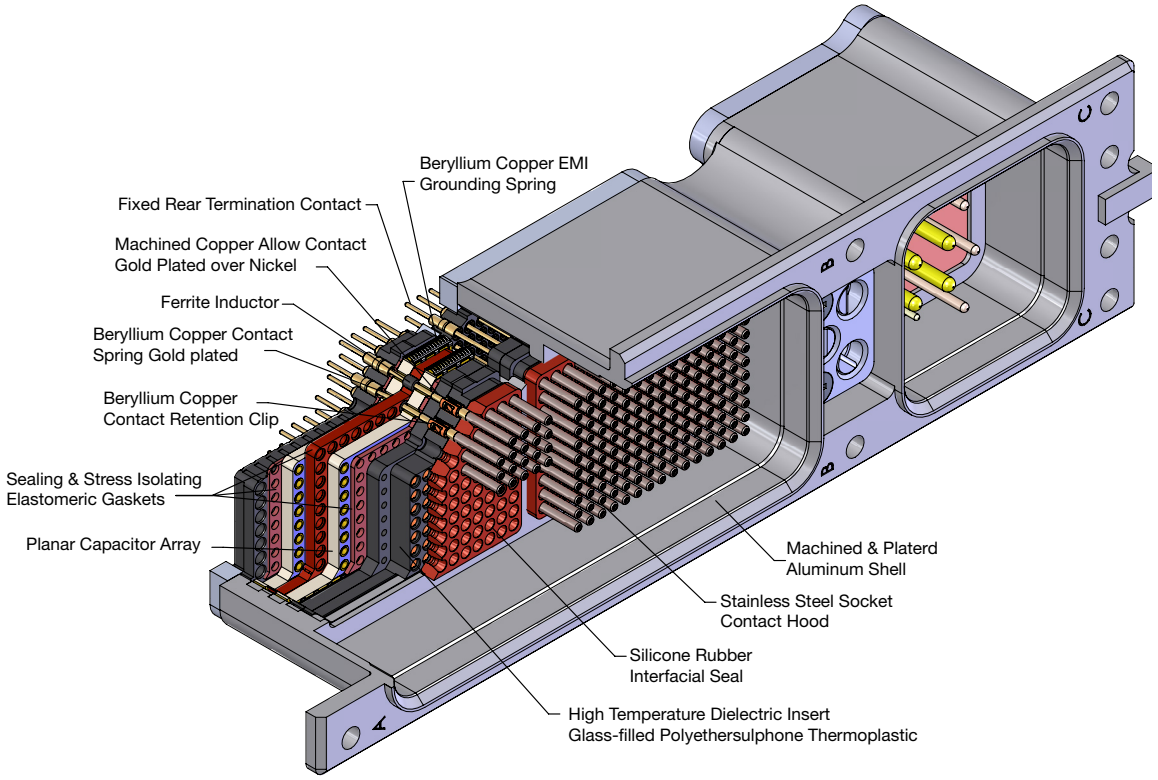
- 20 dB per Frequency Decade Typical Increase in Attenuation Slope
- Used where Applications Contain Low Source and Load Impedance
- Switch-mode Power Supplies are Typical Applications

FILTER TYPES	FILTER CIRCUIT	BEST FILTERING APPLICATION
PI		Unknown or medium source and load Impedance
LC		Low impedance on mating side, high impedance on termination side
CL		High impedance on mating side, low impedance on termination side
C		High source and high load impedance
T		Low source and low load impedance

High source or load impedance >100ohms

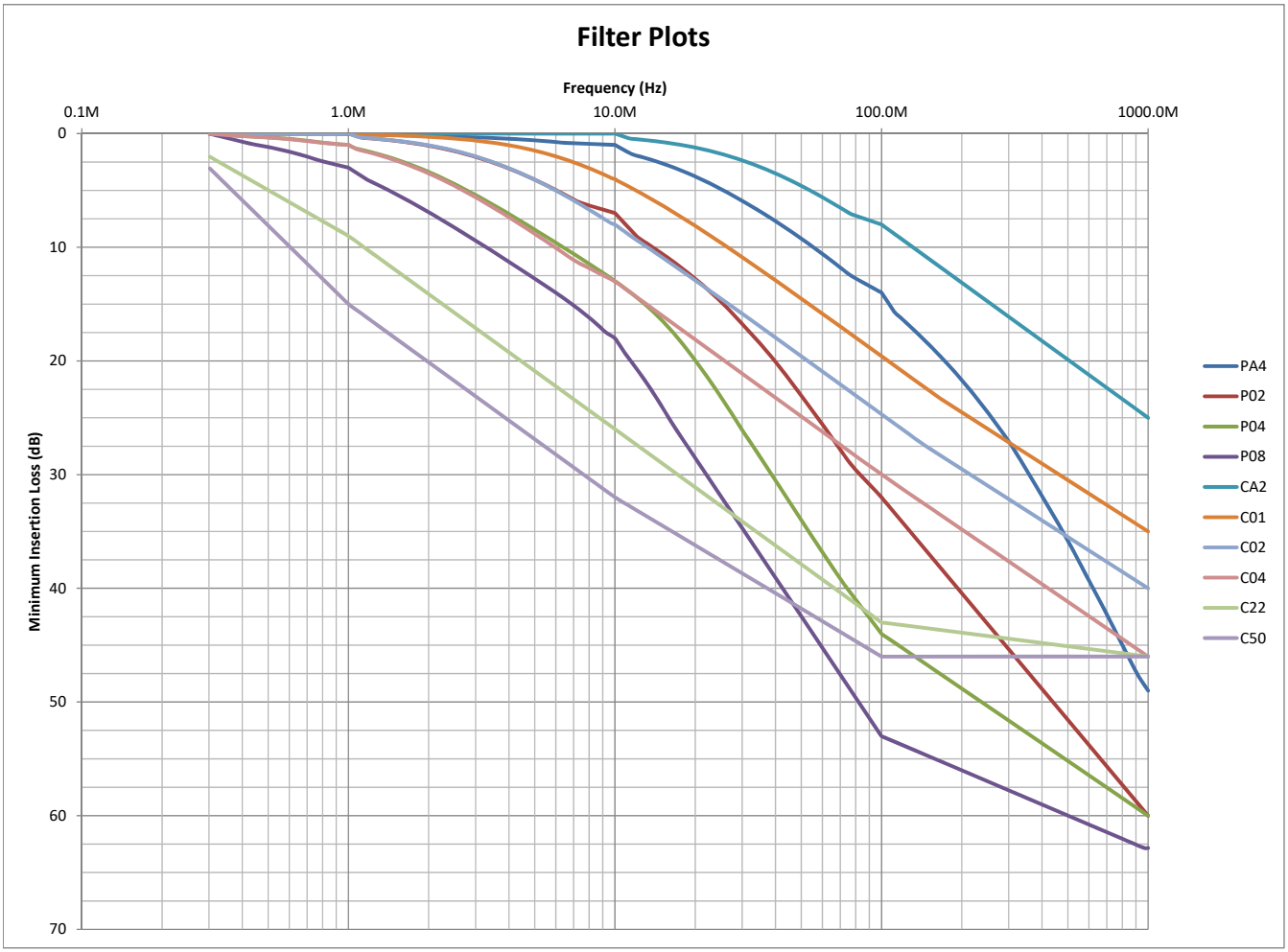
Low source or load impedance >10ohms

Filter Construction, Technical Details



TYPE FILTER		PI				C, LC, CL, T					
		PA4	P02	P04	P08	CA2	C01	C02	C04	C22	C50
Capacitance		400-800 pF	1.8-3.6 nF	4-8 nF	8-16 nF	200-400 pF	0.9-1.8 nF	1.8-3.6 nF	4-8 nF	22-40 nF	50-100 nF
Insertion Loss (dB)	300 KHz	-	-	-	-	-	-	-	-	2	3
	1 MHz	-	-	1	3	-	-	-	1	9	15
	10 MHz	1	7	13	18	-	4	8	13	26	32
	100 MHz	14	32	44	53	8	20	25	30	43	46
	1 GHz	49	60	60	63	25	35	40	46	46	46
Working voltage (VDC) (@ 25° & sea level)		200									
Dielectric Withstand voltage (VDC) (@ 25°C & 50 mA max charging current)		500									
Insulation Resistance (Gohms) (min) (@ 25°C & working voltage)		10									
Current Rating by Contact Size (continuous max, DC amperes)		#22 = 5 Amps #20 = 7.5 Amps #16 = 13 Amps #12 = 23 Amps									
Dissipation Factor @ 1kHz		3% Max									

Note: Other capacitance values, mixed capacitance arrangements, ground and isolated contacts are available. Consult the factory for your particular applications.
*Acceptance testing performance to 1 G Hz maximum


Filter Plots
Frequency (Hz)
0.1M
1.0M
10.0M
100.0M
1000.0M
Minimum Insertion Loss (dB)
0
10
20
30
40
50
60
70
PA4
P02
P04
P08
CA2
C01
C02
C04
C22
C50

How to Order Filter ARINC 600

R58

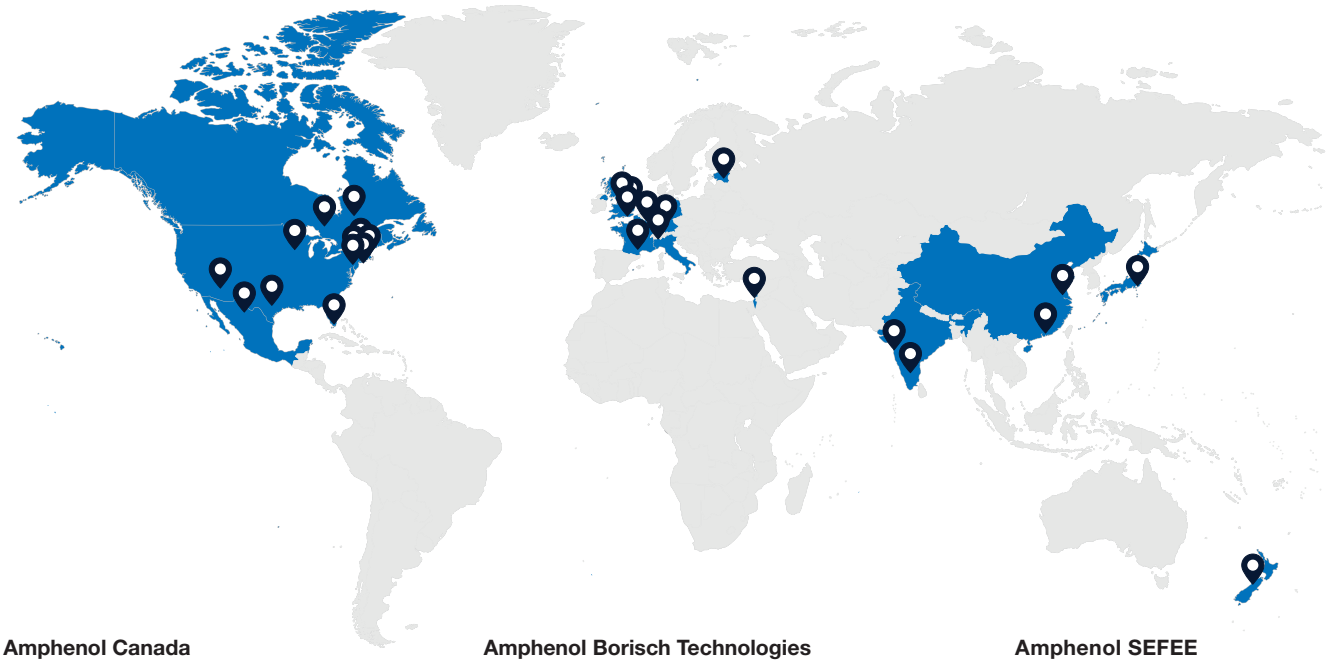
PART NUMBER KEY

1. Filter	2. Shell Size	3. Insert Pattern	4. Contact Gender	5. Termination Style	6. Filter Style	7. Customer Number
485-	A	051	P	S	P08-	XXX

STEPS	PART #	DESCRIPTION
1. FILTER	458-	83733 Filter Connector
2. SHELL SIZE	A	A Size Shell
	B	B Size Shell
3. INSERT PATTERN FOR SHELL SIZE A	018	18x Size 12 Contacts
	032	32x Size 16 Contacts
	36F4	36x Size 20 Contacts, 4x Size 16 Fiber Contacts
	051	51x Size 20 Contacts
	084	86x Size 22 Contacts, 2x Coax Contacts
	105F4	101x Size 22 Contacts, 4x Size 16 Fiber Contacts
	131	131x Size 22D Contacts
3. INSERT PATTERN FOR SHELL SIZE B	030	30x Size 12 Contacts
	048	30x Size 16 Contacts, 18x Size 12 Contacts
	59W7	32x Size 16 Contacts, 7x Coax Contacts
	064	64x Size 16 Contacts
	071	56x Size 20 Contacts, 15x Size 12 Contacts
	078	38x Size 20 Contacts, 40x Size 16 Contacts
	101	101x Size 20 Contacts
	161	161x Size 22 Contacts
	185	185x Size 22D Contacts
4. CONTACT GENDER	P	Pin (Receptacle)
	S	Socket (Plug)
5. TERMINATION STYLE	B	PCB
	S	Solder Cups
	T	Crimp
6. FILTER STYLE 'C' CIRCUIT	CA2-	200-400 (pF)
	C01-	1800-3600 (pF)
	C02-	4000-8000 (pF)
	C10-	8000-16000 (pF)
6. FILTER STYLE 'PI' CIRCUIT	PA4-	400-800 (pF)
	P02-	1800-3600 (pF)
	P04-	4000-8000 (pF)
	P08-	8000-16000 (pF)
7. CUSTOMER NUMBER	XXX	

Notes

Amphenol



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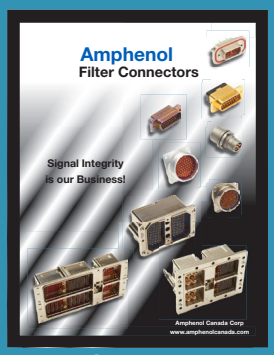
Amphenol CANADA
MILITARY & AEROSPACE



Filter Connectors Catalog

Rectangular Catalog

Microminiature Catalog

Visit http://www.amphenolcanada.com/media
for literature, product data sheets, videos and Patents

R27 Catalog

ARINC 600 Catalog

ARINC 404 Catalog

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