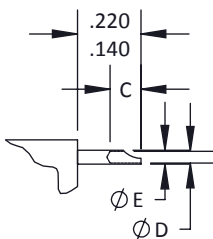
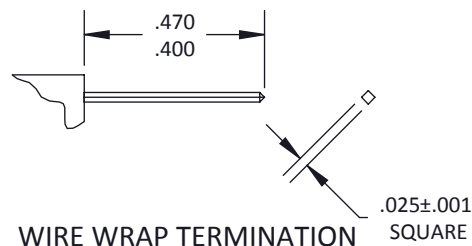


PCB TERMINATION



SOLDER CUP TERMINATION



WIRE WRAP TERMINATION

#12 CONTACTS				
A	ØB	C	ØD	ØE
.200/.120	.063/.059	.160/.130	.120/.112	.142/.134
#16 CONTACTS				
A	ØB	C	ØD	ØE
.200/.120	.042/.038	.160/.130	.080/.072	.104/.096
STANDARD DENSITY (#20 CONTACTS)				
A	ØB	C	ØD	ØE
.200/.120	.032/.028	.120/.090	.050/.042	.062/.057
HIGH DENSITY (#22 CONTACTS)				
A	ØB	C	ØD	ØE
.200/.120	.022/.018	.120/.090	.041/.035	.052/.047

TERMINATION DIMENSIONS

NOTES 1-3 APPLY TO ALL NON-MICRO FILTERED CONNECTORS; SEE SECTION 6.5 FOR MICRO FILTER SPECIFICATIONS.

1. MATERIALS

- SHELL AND JAM NUT - ALUMINUM ALLOY
- INSERT - REINFORCED THERMOPLASTIC, THERMOSET, OR EPOXY RESIN DIELECTRIC PLASTICS
- O-RINGS, INTERFACIAL AND PERIPHERAL SEALS - SILICONE BASED ELASTOMER
- CONTACTS - COPPER ALLOY
- GROUND SPRING - BERYLLIUM COPPER
- INDUCTOR - FERRITE BEAD
- CAPACITORS - CERAMIC PLANAR

2. FINISH

- SHELL AND JAM NUT - ELECTROLESS NICKEL (PREFERRED), YELLOW CADMIUM OVER NICKEL, OR OLIVE DRAB CADMIUM OVER NICKEL
- CONTACTS - GOLD OVER NICKEL
- GROUND SPRING - SILVER

3. SPECIFICATIONS

- CURRENT RATING ----- 23 AMPS MAX / SIZE 12
- CURRENT RATING ----- 13 AMPS MAX / SIZE 16
- CURRENT RATING ----- 7.5 AMPS MAX / SIZE 20
- CURRENT RATING ----- 5 AMPS MAX / SIZE 22
- TEMPERATURE RATING ----- -55°C TO +125°C
- INSULATION RESISTANCE ----- 5000 MEGOHMS MIN DWV AT SEA LEVEL ----- 500 VDC
- EXCEPT PI & C "L" FILTER ----- 100 VDC*

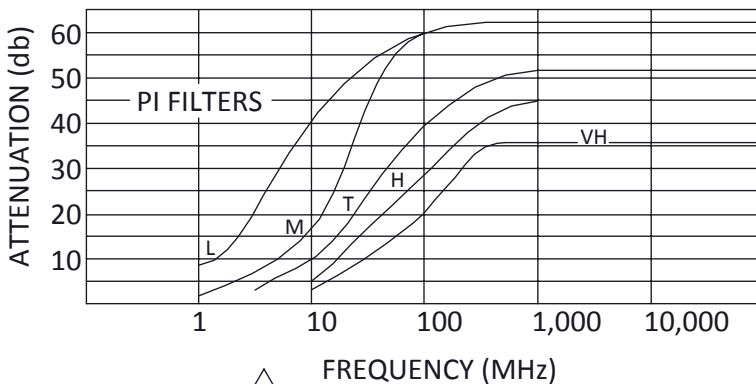
* -CONTACT CRISTEK FOR HIGHER VOLTAGE REQUIREMENTS

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE FILTERED CONNECTOR TYPICAL PERFORMANCE, MATERIAL AND TERMINATION INFORMATION	SHT 1 OF 2	DWG. NO. FILT	REV D
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"PI" TYPE FILTERS



"PI" TYPE FILTERS PROVIDE A STEEPER ROLLOFF AND GIVE A MAXIMUM AMOUNT OF FILTERING.



3

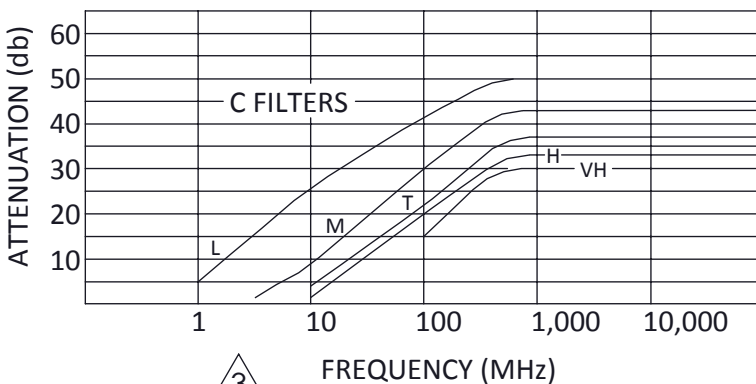
FILTER CHARACTERISTICS		L	M	T	H	VH
CAPACITANCE IN PICO FARADS AT 1KHz, .1VRMS		32,000 45,000	8,000 12,000	3,300 5,000	425 1,300	400 600
ATTENUATION MINIMUMS PER MIL-STD-220 AT 25°C WITHOUT BIAS VOLTAGE OR CURRENT	FREQ. MHz					
	1	8	2	-	-	-
	5	20	10	3	-	-
	10	40	16	9	3	2
	100	60	60	40	28	20
	500-1000	62	62	52	45	36

PI-TYPE FILTER
ATTENUATION VALUES

"C" TYPE FILTERS



"C" TYPE FILTERS PROVIDE A MODERATE AMOUNT OF FILTERING YET TAKE THE LEAST AMOUNT OF SPACE AND USUALLY ARE THE LOWEST IN COST.



3

FILTER CHARACTERISTICS		L	M	T	H	VH
CAPACITANCE IN PICO FARADS AT 1KHz, .1VRMS		16,000 22,500	4,000 6,000	1,650 2,500	200 650	200 300
ATTENUATION MINIMUMS PER MIL-STD-220 AT 25°C WITHOUT BIAS VOLTAGE OR CURRENT	FREQ. MHz					
	1	5	-	-	-	-
	5	15	2	-	-	-
	10	26	8	4	1	-
	100	42	30	22	20	15
	500-1000	50	43	37	33	30

C-TYPE FILTER
ATTENUATION VALUES

TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE FILTERED CONNECTOR
TYPICAL PERFORMANCE, MATERIAL
AND TERMINATION INFORMATION

SHT 2 OF 2

DWG. NO.

FILT

REV

D