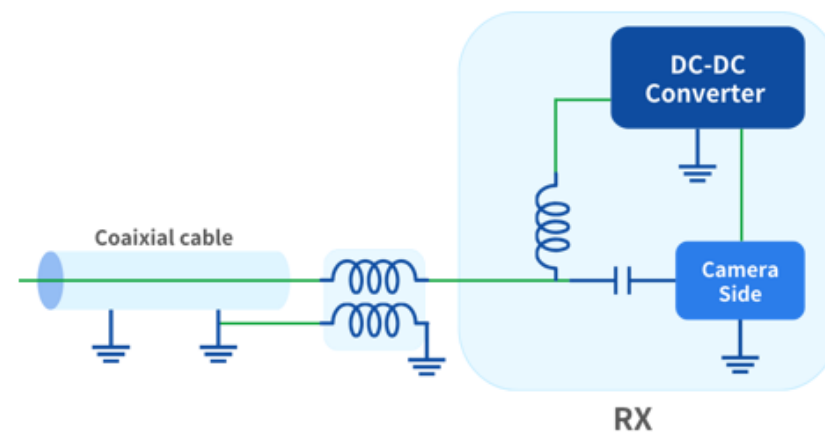
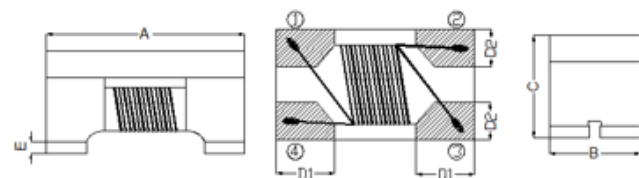


PoC Filter Selection Guide (MAXIM GMSL2)

APOC2012F2SV Series Specification



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
APOC2012F2SV	2.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	0.5 ± 0.1	0.15 ± 0.1

Series	Common Mode Impedance	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
APOC2012F2SV-201T05	$200 \pm 25\%$	100	0.168	500	50	125	10M
APOC2012F2SV-391T03	$390 \pm 25\%$	100	0.360	300	50	125	10M

PoC Filter Selection Guide (MAXIM GMSL2)

APO Series Specification

Series	A(mm)	B(mm)	C(mm)	D(mm)
APO201216NV	2.00 ± 0.20	1.20 ± 0.20	1.60 ± 0.20	0.48 ± 0.10
APO453235NV	4.50 ± 0.20	3.20 ± 0.20	3.50 ± 0.20	0.83 ± 0.10

TAI-TECH Part Number	Ls(μH) (@1 MHz)	DCR (Ω) Max.	SRF (MHz) min.	Rated current(mA)		
				Isat(mA)	Based on temperature rise	
					Ambient temperature 105℃	Ambient temperature 125℃
APO201216NV-R47M	0.47 ± 20%	0.05	470	1000	1100	900
APO201216NV-R82M	0.82 ± 20%	0.09	360	800	800	700
APO201216NV-1R0M	1.00 ± 20%	0.13	320	700	700	600
APO201216NV-1R5M	1.50 ± 20%	0.18	260	550	550	500
APO201216NV-2R0M	2.00 ± 20%	0.29	230	450	450	400
APO453235NV-100M	10.0 ± 20%	0.13	60	1000	1000	710
APO453235NV-180M	18.0 ± 20%	0.16	40	800	845	600
APO453235NV-220M	22.0 ± 20%	0.18	30	700	700	500

PoC Filter Selection Guide (MAXIM GMSL2)

APO Series Specification

Series	A(mm)	B(mm)	C(mm)	D(mm)
APO3225	3.20 ± 0.20	2.50 ± 0.20	2.30 ± 0.20	0.58 ± 0.10

TAI-TECH Part Number	Ls(μH) (@100 KHz)	DCR (Ω) Max.	Isat			Irms		
			25°C (mA) Typ.	105°C (mA) Typ.	125°C (mA) Typ.	25°C (mA) Typ.	105°C (mA) Typ.	125°C (mA) Typ.
APO322523TV-2R2M	2.20 ± 20%	0.18	1100	1000	950	1350	1220	1045
APO322523TV-4R7M	2.70 ± 20%	0.10	720	650	600	1500	1400	1300
APO322523TV-100M	3.30 ± 20%	0.15	450	400	350	1300	1200	1100
APO322523TV-150M	4.70 ± 20%	0.40	400	350	310	825	725	625

PoC Filter Selection Guide (MAXIM GMSL2)

APO Series Specification

Series	A(mm)	B(mm)	C(mm)	D(mm)
APO3225	3.20 ± 0.20	2.50 ± 0.20	2.30 ± 0.20	0.58 ± 0.10

TAI-TECH Part Number	Ls(μH) (@1 MHz)	DCR (Ω) Max.	SRF (MHz) min.	Isat(mA)	Based on temperature rise		
					Ambient temperature 85°C	Ambient temperature 105°C	Ambient temperature 125°C
APO322523NV-2R2M	2.20 ± 20%	0.19	200	1000	1000	880	520
APO322523NV-2R7M	2.70 ± 20%	0.22	200	975	975	860	510
APO322523NV-3R3M	3.30 ± 20%	0.24	150	950	950	840	500
APO322523NV-4R7M	4.70 ± 20%	0.28	100	850	850	720	400
APO322523NV-100M	10.0 ± 20%	0.40	100	500	700	620	360
APO322523NV-220M	22.0 ± 20%	0.62	50	400	550	500	280
APO322523NV-470M	47.0 ± 20%	0.90	30	300	500	300	100

PoC Filter Selection Guide (MAXIM GMSL2)

APO Series Specification

Series	A(mm)	B(mm)	C(mm)	D(mm)
APO322530	3.20 ± 0.20	2.50 ± 0.20	3.00 ± 0.20	0.58 ± 0.10

TAI-TECH Part Number	Ls(μH) (@100 K/0.1V)	DCR (Ω)		SRF typ (Mhz)	Isat(mA) typ.					Irms(mA) typ.		
		typ.	max.		25°C	85°C	105°C	125°C	140°C	25°C	85°C	125°C
APO322530NV-2R2M	2.20 ± 20%	0.10	0.13	300	2200	1900	1700	1500	1300	1900	1730	1000
APO322530NV-6R8M	6.80 ± 20%	0.20	0.24	120	1400	1000	930	800	700	1360	1230	800
APO322530NV-100M	10.0 ± 20%	0.29	0.34	95	1100	850	760	660	560	1130	1020	570
APO322530NV-220M	22.0 ± 20%	0.76	0.88	70	720	580	520	450	390	700	630	400