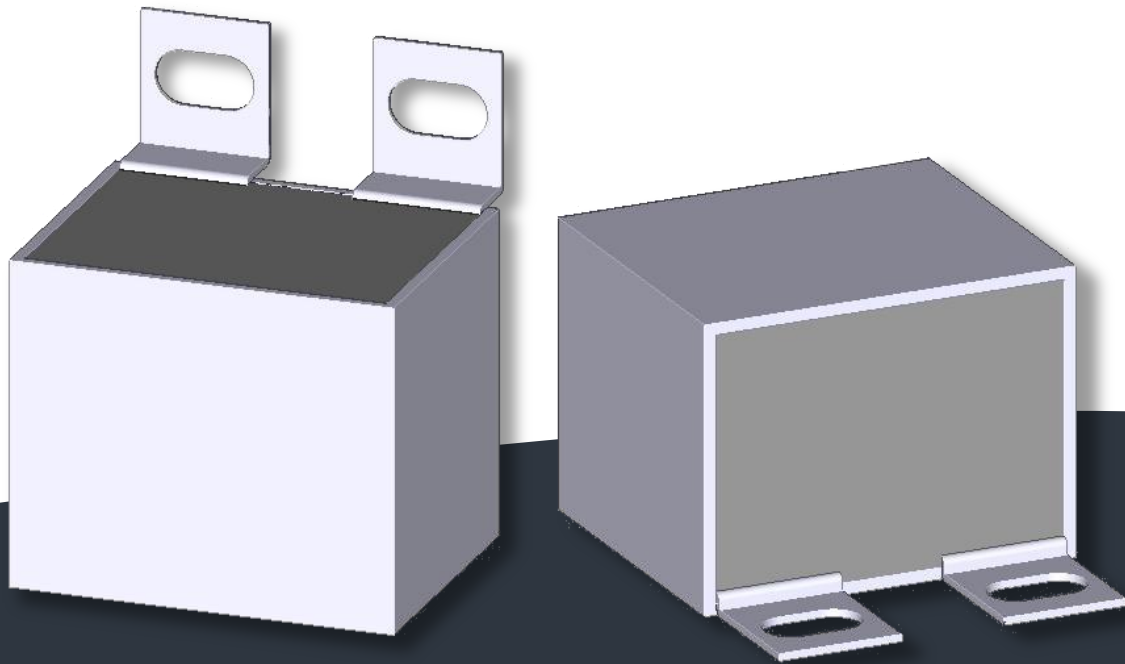


ASC CAPACITORS

AMERICAN SHIZUKI CORPORATION

329 SERIES

IGBT SNUBBER



APPLICATION

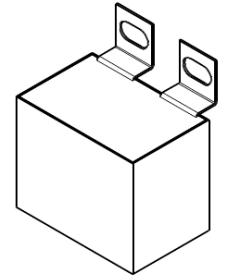
- ✓ IGBT SNUBBER

CHARACTERISTICS

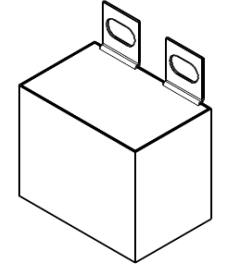
- ✓ LOW ESR
- ✓ HIGH DV/DT

CHARACTERISTICS TABLE

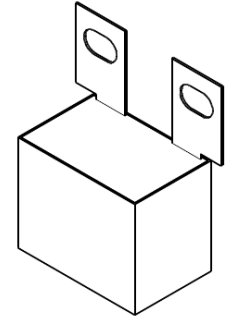
CAP	VDC	VAC	VPEAK	IPEAK	ESR	T MAX	H MAX	CASE
0.22	600	250	800	230	6.2	0.860	1.113	A
0.27	600	250	800	280	5.4	0.860	1.113	A
0.33	600	250	800	350	4.7	0.860	1.113	A
0.39	600	250	800	410	4.2	0.860	1.113	A
0.47	600	250	800	500	3.8	0.860	1.113	A
0.56	600	250	800	590	3.5	0.860	1.113	A
0.68	600	250	800	720	3.1	0.860	1.113	A
0.82	600	250	800	860	3.0	1.160	1.463	B
1.00	600	250	800	1050	2.7	1.160	1.463	B
1.20	600	250	800	1260	2.5	1.160	1.463	B
1.50	600	250	800	1580	2.3	1.160	1.463	B
1.75	600	250	800	1840	2.2	1.460	1.863	C
2.00	600	250	800	2110	2.2	1.460	1.863	C
2.20	600	250	800	2320	2.1	1.460	1.863	C
2.50	600	250	800	2630	2.1	1.460	1.863	C
0.15	1200	500	1600	190	7.5	0.860	1.113	A
0.18	1200	500	1600	230	6.4	0.860	1.113	A
0.22	1200	500	1600	290	5.4	0.860	1.113	A
0.27	1200	500	1600	350	4.5	0.860	1.113	A
0.33	1200	500	1600	430	3.9	0.860	1.113	A
0.39	1200	500	1600	510	3.4	0.860	1.113	A
0.47	1200	500	1600	610	3.0	1.160	1.463	B
0.56	1200	500	1600	730	2.6	1.160	1.463	B
0.68	1200	500	1600	880	2.3	1.160	1.463	B
0.82	1200	500	1600	1060	2.2	1.160	1.463	B
1.00	1200	500	1600	1300	1.8	1.460	1.863	C
1.20	1200	500	1600	1560	1.7	1.460	1.863	C
1.50	1200	500	1600	1940	1.5	1.460	1.863	C
1.75	1200	500	1600	2270	1.4	1.760	2.263	D
2.00	1200	500	1600	2590	1.3	1.760	2.263	D
2.20	1200	500	1600	2850	1.2	1.760	2.263	D
0.10	2000	550	2600	200	10.5	0.860	1.113	A
0.12	2000	550	2600	240	8.8	0.860	1.113	A
0.15	2000	550	2600	290	7.2	0.860	1.113	A
0.18	2000	550	2600	350	6.1	0.860	1.113	A
0.22	2000	550	2600	430	5.0	1.160	1.463	B
0.27	2000	550	2600	530	4.2	1.160	1.463	B
0.33	2000	550	2600	650	3.5	1.160	1.463	B
0.39	2000	550	2600	770	3.1	1.160	1.463	B
0.47	2000	550	2600	920	2.6	1.460	1.863	C
0.56	2000	550	2600	1100	2.3	1.460	1.863	C
0.68	2000	550	2600	1330	2.0	1.460	1.863	C
0.82	2000	550	2600	1610	1.8	1.760	2.263	D
1.00	2000	550	2600	1960	1.5	1.760	2.263	D



329S

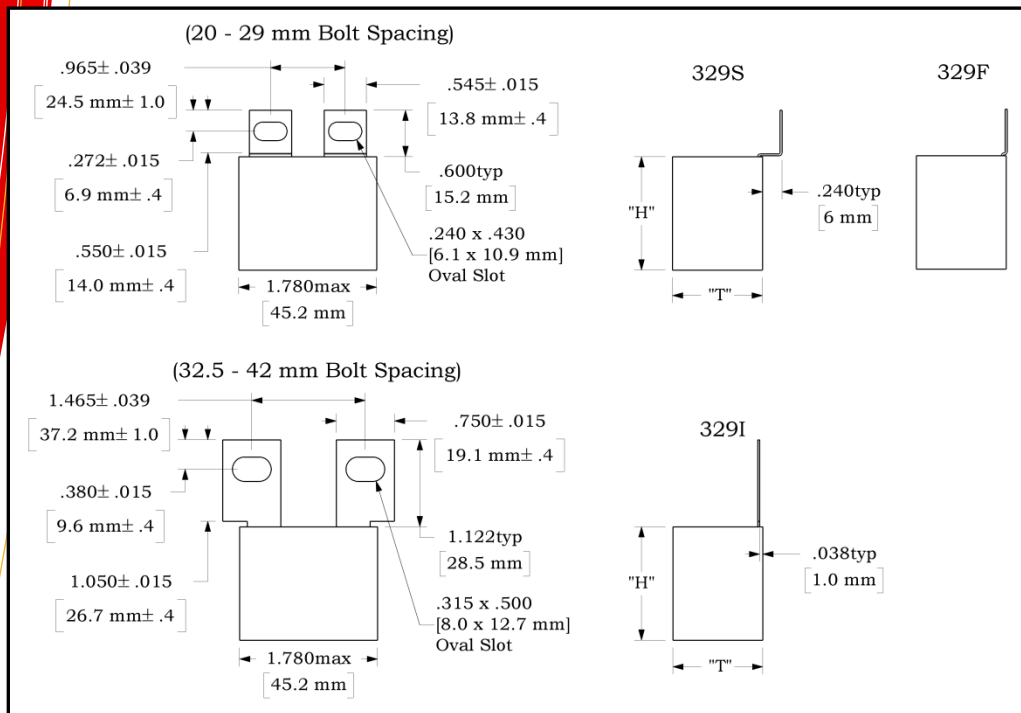


329F



329I

DIMENSIONAL CHARACTERISTICS



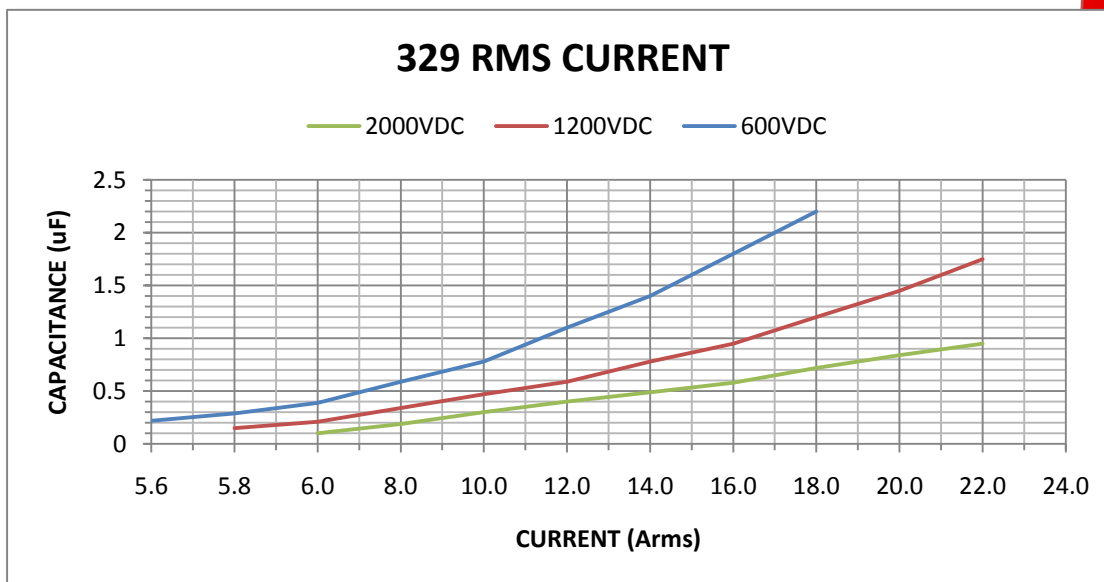
CONSTRUCTION

ELECTRODE: METALLIZED POLYPROPYLENE FILM FOIL HYBRID
CASE: NATURAL VALOX CASE (FLAME RETARDANT TAPE AVAILABLE)
POTTING: EPOXY (UL94-V0)
TERMINALS: ROHS COMPLIANT TIN PLATED BRASS

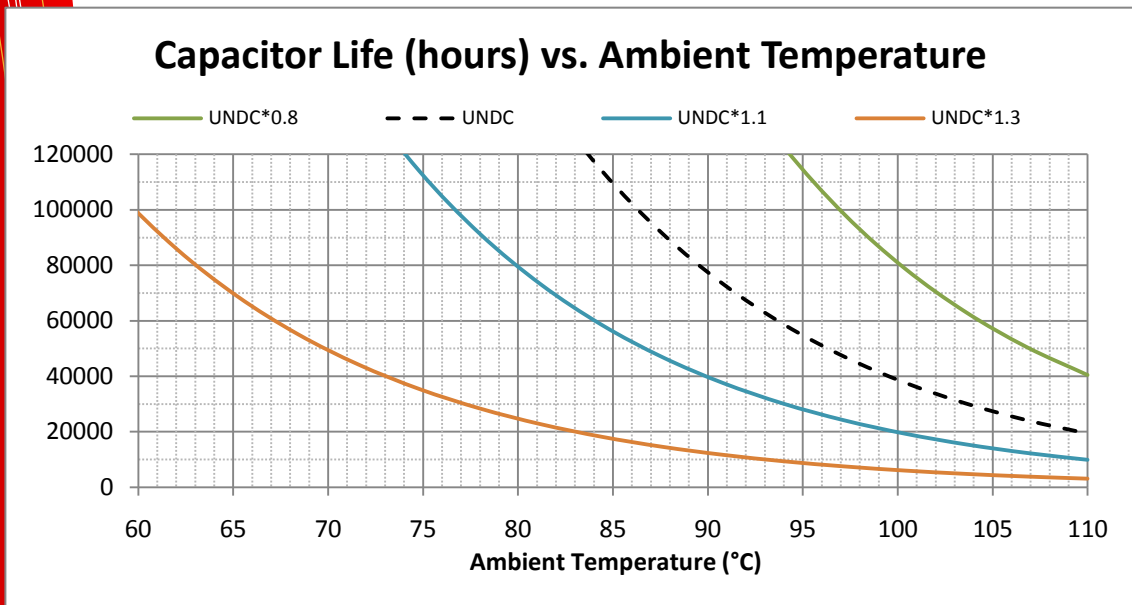
ELECTRICAL CHARACTERISTICS

CAP: PER TABLE \pm (STANDARD TOLERANCE OF 5% AND 10%) WHEN MEASURED OR REFERRED TO AT $1k \pm 10$ Hz AND $25 \pm 5^\circ\text{C}$.
DF: SHALL NOT BE GREATER THAN 0.8% WHEN MEASURED AT OR REFERRED TO $1k \pm 10$ Hz AND $25 \pm 5^\circ\text{C}$.
IR: $10,000 \text{ M}\Omega \cdot \mu\text{F}$ MEASURED AT 100VDC AND $25 \pm 5^\circ\text{C}$.
DIELECTRIC STRENGTH:
TERMINAL TO TERMINAL (U_T OR T-T): $1.5 \cdot U_{\text{NDC}}$ FOR 10 SECONDS
OPERATING TEMPERATURE: -40°C TO $+105^\circ\text{C}$
RATED CURRENT: PER TABLE BASED ON 100KHZ OPERATION FREQUENCY
LIFE: 100,000 HOURS @ 85°C AND FULL RATED VOLTAGE AND CURRENT
STANDARD: IEC61071

RMS CURRENT CAPABILITY



LIFE CHARACTERISTICS



ORDERING INSTRUCTIONS

EXAMPLE - 329S 1.0 10% 1200V

<u>329</u>	<u>S</u>	<u>1.0</u>	<u>10%</u>	<u>1200V</u>
↓	↓	↓	↓	↓
SERIES	TERMINAL	CAPACITANCE	TOLERANCE	VOLTAGE
	F → FLAT S → STEP I → WIDE	μF		VDC VAC

VISIT WWW.ASCAPACITOR.COM TO VIEW RELATED POWER CAPACITORS



X382 STYLE



IFP STYLE



THD STYLE

ASCAPACITORS

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