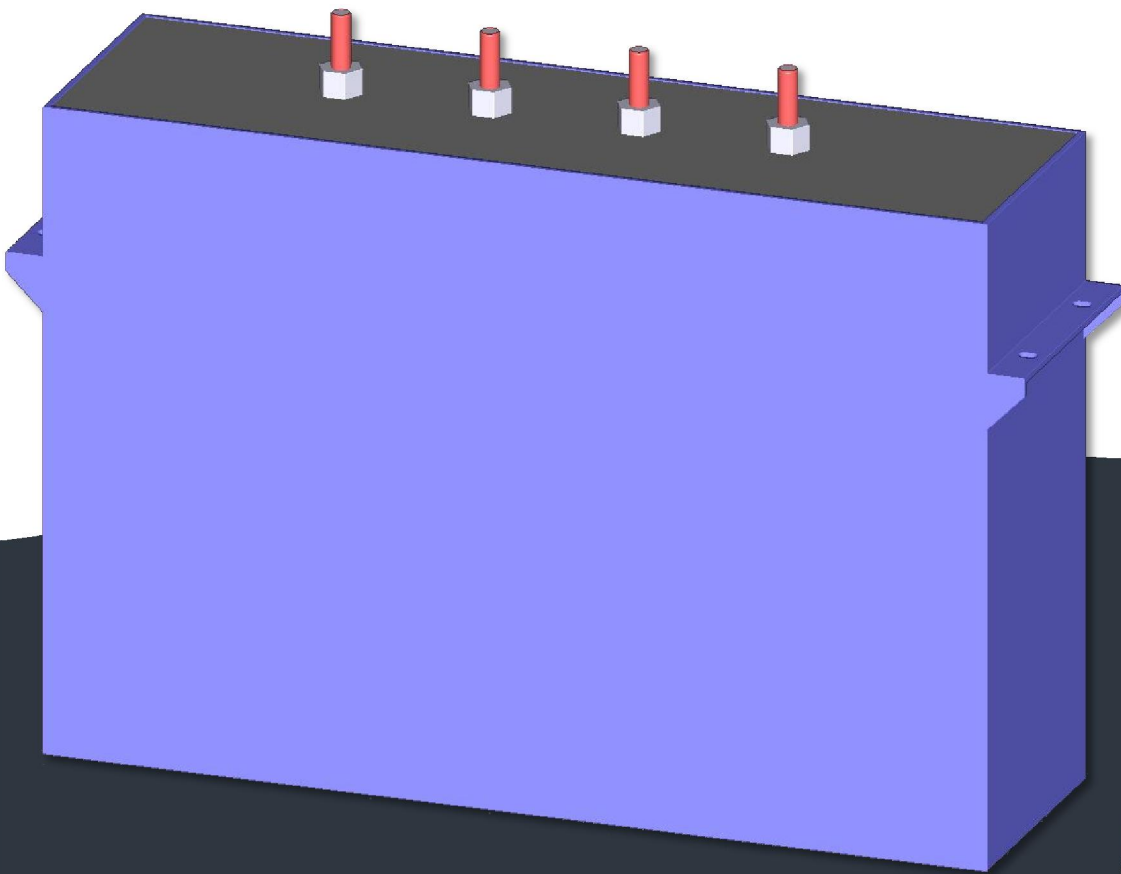


ASC CAPACITORS

AMERICAN SHIZUKI CORPORATION

IBL SERIES

INVERTER . BUS . LINK . CAPACITOR



- ✓ HIGH CURRENT HANDLING CAPABILITY
- ✓ BULK CAPACITANCE STORAGE
- ✓ LOW ESL DESIGN
- ✓ >100K HOUR LIFE
- ✓ HIGH DV/DT
- ✓ CUSTOMIZABLE
- ✓ IEC61071 COMPLIANT

CHARACTERISTICS TABLE

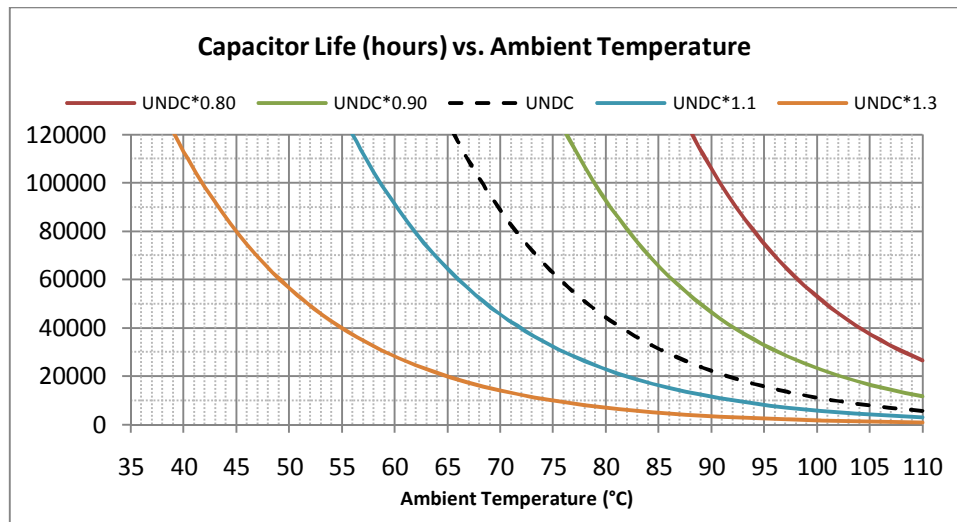
TOTAL CAPACITANCE (μF)	VOLTAGE (U _{NDC})	W (")	T (")	H (")	HS (")	IRMS @65C	DV/DT (V/μS)	ESL (nH)	ESR (m)
5300	900	13	4.75	10	3.0	320	6.8	<30	0.23
9200	900	19	5.5	13	4.0	540	14.2	<30	0.17
3050	1200	13	4.75	10	3.0	320	9.0	<30	0.28
5000	1200	19	5.5	13	4.0	540	19.2	<30	0.21
1700	1600	13	4.75	10	3.0	320	12.0	<30	0.35
2900	1600	19	5.5	13	4.0	540	26.0	<30	0.26
1100	2000	13	4.75	10	3.0	320	15.0	<30	0.40
1900	2000	19	5.5	13	4.0	540	25.6	<30	0.30
730	2400	13	4.75	10	3.0	320	18.0	<30	0.47
1200	2400	19	5.5	13	4.0	540	30.1	<30	0.35

CONSTRUCTION

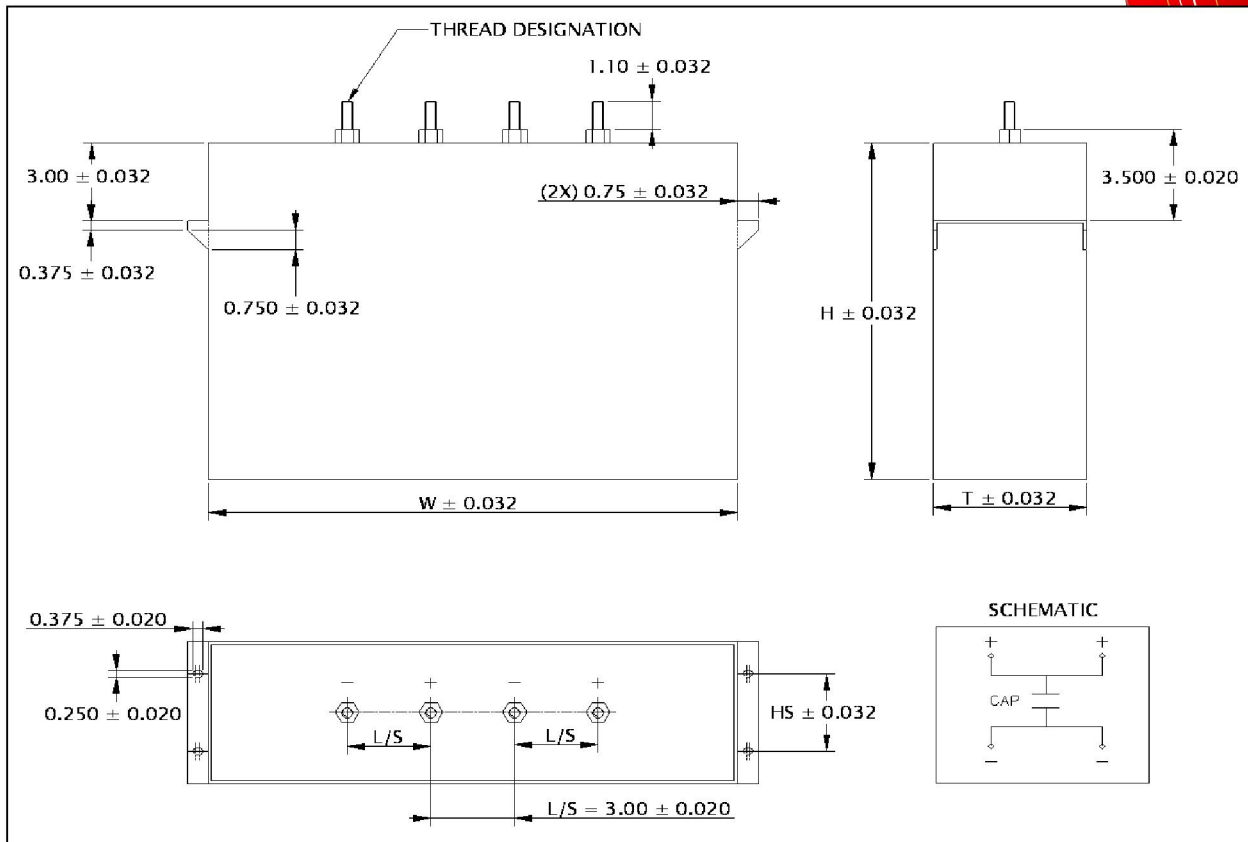
ELECTRODE: METALLIZED POLYPROPYLENE
CASE: 1/8" THICK BLUE ANODIZED ALUMINUM
POTTING: FLAME RETARDANT AND THERMALLY CONDUCTIVE
TERMINALS: ROHS COMPLIANT TIN PLATED BRASS MALE OR FEMALE

ELECTRICAL CHARACTERISTICS

CAP: PER TABLE ± (STANDARD TOLERANCE OF 5% AND 10%) WHEN MEASURED OR REFERRED TO AT 1k ± 10 Hz AND 25 ± 5°C.
DF: SHALL NOT BE GREATER THAN 0.8% WHEN MEASURED AT OR REFERRED TO 1k ± 10 Hz AND 25 ± 5°C.
IR: 10,000 MΩ*μF MEASURED AT 100VDC AND 25 ± 5°C.
DIELECTRIC STRENGTH
TERMINAL TO TERMINAL (U_T OR T-T): 1.5*U_{NDC} FOR 10 SECONDS
TERMINAL TO CASE (U_{T-CASE} OR T-C): (U_{NDC}/√2)+1000 OR 2000VDC WHICHEVER IS HIGHER
OPERATING TEMPERATURE: -40°C TO +85°C
LIFE: 100,000 HOURS @ 65°C AND FULL RATED VOLTAGE AND CURRENT
STANDARD: IEC61071

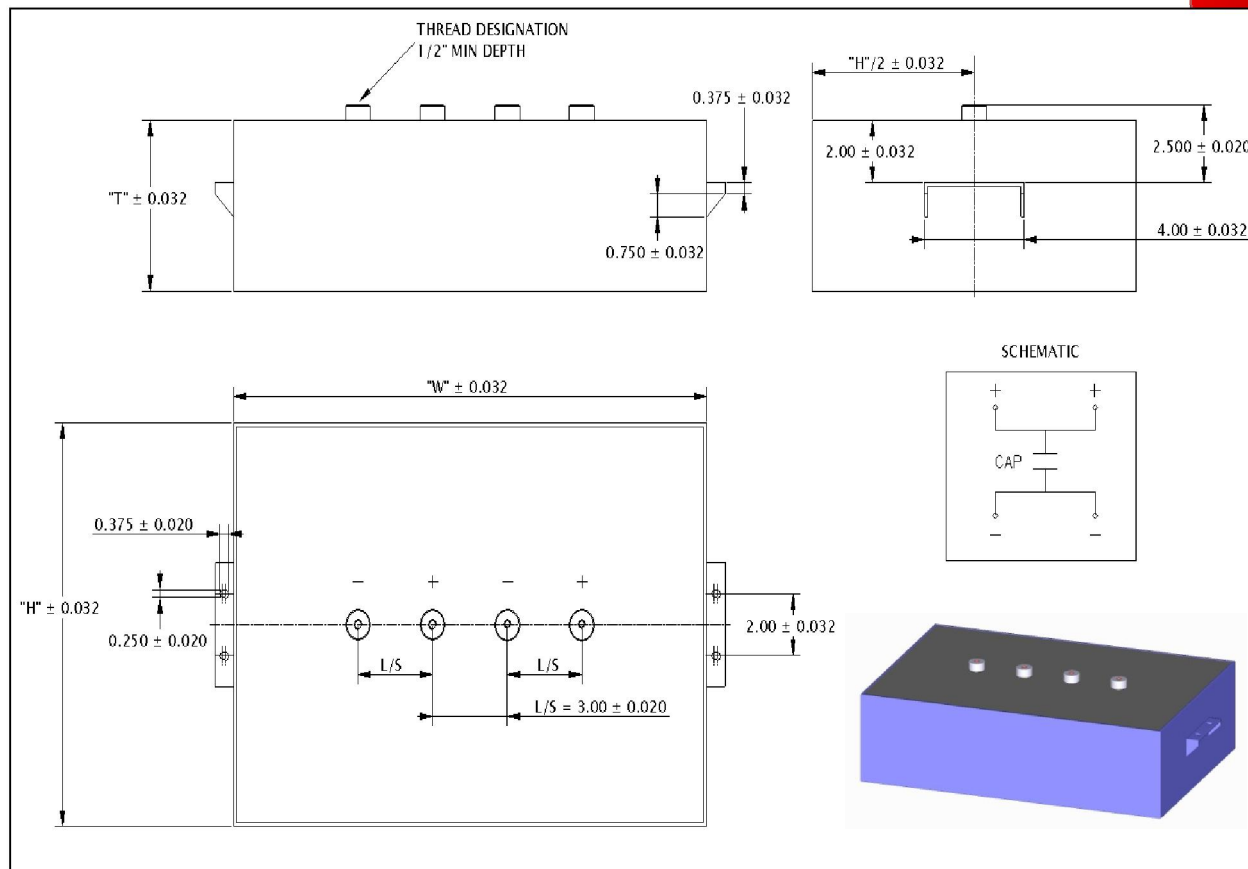


UR CASE STYLE



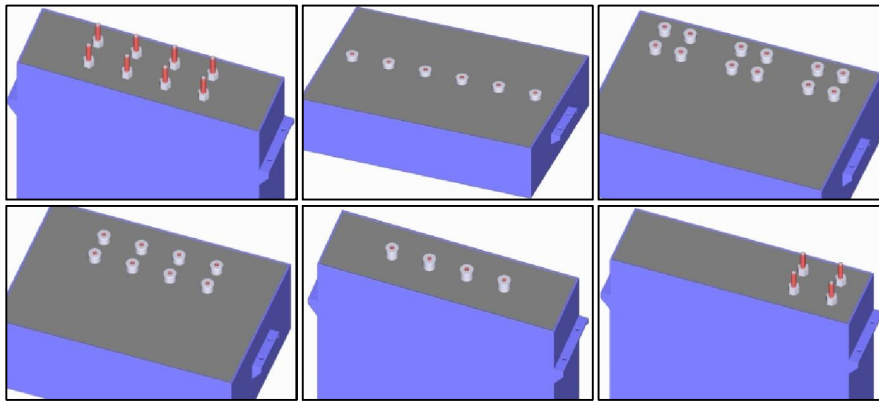
*NOTE – ALTERNATE TERMINAL CONFIGURATIONS AVAILABLE UPON REQUEST.

FL CASE STYLE



*NOTE – ALTERNATE TERMINAL CONFIGURATIONS AVAILABLE UPON REQUEST.

VARIOUS TERMINAL CONFIGURATIONS AVAILABLE UPON REQUEST



ORDERING INSTRUCTIONS

EXAMPLE - IBL(URMG) 5300 10% 900VDC

IBL ↓ SERIES	(UR) ↓ STYLE	M ↓ TERMINATION	G) ↓ THREAD PITCH	5300 ↓ CAPACITANCE	10% ↓ TOLERANCE	900VDC ↓ VOLTAGE
	UR FL	M - MALE F - FEMALE	A - M6* B - 1/4-20* C - M8 D - 3/8-6 E - M10 F - 7/16-14 G - M12** H - 1/2-13**			VDC VAC
						*Only available on female terminals **Only available on male terminals

RECOMMENDED TORQUE SETTINGS

*These settings are suggested to hold two parts together with such a force that is greater than any external force that could separate the two objects, yet still maintain strength of the bolt and its bond to the internal buss structure of the capacitor.

BOLT SIZE	TYPICAL (IN/LBS)	MAX (IN/LBS)
M6	41	59
1/4-20	43	62
M8	89	127
3/8 - 16	134	192
M10	172	246
7/16-14	222	317
M12	265	379
1/2-13	295	422

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X382 STYLE



IFP STYLE



THD STYLE

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