

产品性能表

型号	额定电压(V)	标称容量(F)	内阻($m\Omega$ @1kHz)	尺寸(mm)
HESR2R7105Z-L	2.7	1	≤ 400	8*13
HESR2R7205Z-L	2.7	2	≤ 300	8*20
HESR2R7305Z-L	2.7	3	≤ 220	8*20
HESR2R7685Z-L	2.7	6.8	≤ 100	12.5*21
HESR2R7805Z-L	2.7	8	≤ 90	12.5*21
HESR2R7106Z-L(1226)	2.7	10	≤ 70	12.5*26
HESR2R7156Z-L(1626)	2.7	15	≤ 50	16*26
HESR2R7206Z-L	2.7	20	≤ 40	16*26
HESR2R7306Z-L	2.7	30	≤ 30	16*32
HESR2R7406Z-L	2.7	40	≤ 30	18*41
HESR2R7506Z-L	2.7	50	≤ 25	18*41
HESR2R7806Z-S	2.7	80	≤ 20	22*44.5
HESR2R7906Z-S	2.7	90	≤ 18	22*44.5
HESR2R7107Z-S	2.7	100	≤ 16	22*49.5
HESR2R7127Z-S	2.7	120	≤ 15	25*44.5
HESR2R7207Z-S	2.7	200	≤ 12	25*59.5
HESR2R7307Z-S	2.7	300	≤ 10	35*54.5
HESR2R7407Z-S	2.7	400	≤ 7	35*70

Winding conventional
seriesPerformance
characteristics

High capacity, low internal resistance, good consistency

Typical
application

RAM, consumer electronics, wind turbine pitch, military, smart grid, backup power, toys, etc

Series specification table

Series name	HESR Series
rated voltage VR	2.7V
working temperature	-40~70°C
capacity range	1F~400F
capacity deviation	-20%+80%
Product life	Standard charge-discharge mode, charge-discharge cycle 200,000 times $\Delta C/C \leq 30\%$, ESR ≤ 4 times the initial value (25°C)
	+ 70 °C + 2 plus rated voltage, after 1000h, $\Delta C/C \leq 30\%$, ESR ≤ 4 times the specified value