



39mm Hybrid Stepper Series

SPECIFICATIONS:



Step Angle	1.8° (±5% @ full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	≤80K
Ambient Temperature	-20°C to 50°C
Shaft Radial Play	≤0.02mm @ 450g-load
Shaft Axial Play	≤0.02mm @ 450g-load
Max Radial Force	28N @ 20mm from flange
Max Axial Force	10N
Dielectric Strength	500V for one minute
Insulation Resistance	≥100MΩ, 500VDC

SUBMODELS:

The following are common submodels for the LDO-39STH series.

Part No.	(V)	(A)	(ohm)	(mH)	(kg-cm)	(l)	(g-cm ²)	(kg)	(kg-cm)	(mm)
LDO-39STH20-0404	2.64	0.4	6.6	7.5	0.65	4	11	0.12	0.05	20
LDO-39STH20-0506	6.5	0.5	13	7.5	0.8	6	11	0.12	0.05	20
LDO-39STH34-0404	12	0.4	30	32	2.1	4	20	0.18	0.12	34
LDO-39STH34-0306	12	0.3	40	20	1.3	6	20	0.18	0.12	34
LDO-39STH38-0504	12	0.5	24	45	2.9	4	24	0.2	0.18	38
LDO-39STH38-0806	6	0.8	7.5	6	2.0	6	24	0.2	0.18	38
LDO-39STH44-0304	12	0.3	40	100	2.8	4	40	0.25	0.25	44