



Specification	Unit	PJPL4233D6(100)
Type of Winding		Unipolar
Excitation Mode*		Full step (2-2)
Resolution (travel/step)	mm	0.005
Steps Per Revolution*		200
Max. Stroke	mm	40
Rated Voltage	V	2.8
Rated Current	A	1.2
Winding Resistance	Ω	2.3
Winding Inductance	mH	1.5
Operating Temp.	°C	-10~+50
Insulation Class		B
Insulation Resistance	MΩ	100
Dielectric Strength	AC V	500V (1 min.)
Weight	g	200

Frequency (pps)	Thrust Force (N)
500	250
1000	250
2000	240
3000	210
4000	150
5000	110

Frequency (pps)	Speed (mm/sec)
100	0.5
200	1.0
300	1.5
400	2.0
500	2.5
1000	5.0
2000	10.0
3000	15.0
4000	20.0
5000	25.0

Rated Current: 1.2A
Winding Resistance: 2.3Ω
Resolution: 5μm
Drive Mode: Rated Current
Drive Condition: 24V, 2-2

PJPL	42	33	D	6	(100)	-xx
1	2	3	4	5	6	7

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|--|---------------------------|
| 1: Series Designation | 5: Lead wires (6 or 4) |
| 2: Motor Size (28mm, 42mm) | 6: Thread Pitch (100=1mm) |
| 3: Case Length (32=31.5mm,
33=33mm) | 7: Custom Motor Indicator |
| 4: Winding (A: 2A; B: 1A; C: 0.5A;
D: 1.2A; E: 0.95A) | |