"Sakae"

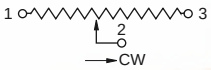
Conductive Plastic

MODEL FFP12A

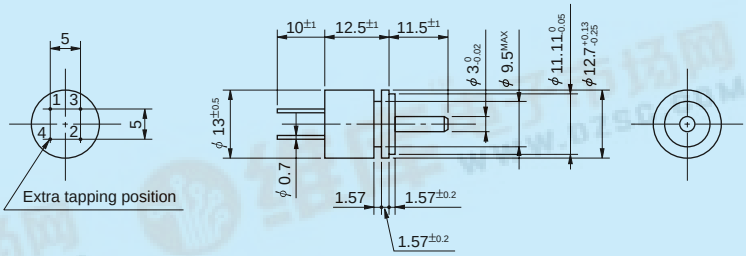
(Servomount)

Model FFP12A

●Terminal Connection Diagram



●Standard Dimensions



●General Specifications

Standard Resistance Values:	1k, 2k, 5k, 10k (Ω)
Total Resistance Tolerance:	Standard Class ±15% (L) Precision Class ±10% (K)
Function Characteristics:	Sine 360° , 20dB log, X^2 (0≦X≦1) 1/X (1≦X≦10)
Conformity Tolerance:	Standard Class ±10%
(Peak-Peak)	Precision Class ±5%
Resolution:	Essentially infinite
Output Smoothness:	Below 0.1% against input voltage
Power Rating:	0.2W
Electrical Travel:	300° ±5° (360° in case of Sine 360°)
Mechanical Travel:	360° (Endless)
Insulation Resistance:	Over 1,000MΩ at 500V.D.C.
Dielectric Strength:	1 minute at 500V.A.C.
Starting Torque:	Below 1mN•m (10gf•cm)
Resistance Temperature Coefficient:	±400p.p.m./℃
Mass:	Approx. 5g

●Special Specifications Available

Extra taps (Available up to 1 tap), Shaft with front and rear extension (Rear shaft with 1mm dia. and 10mm length), With stopper (Rotating angle becomes 310° and stopper strength is 0.3N•m [3kgf•cm]), Special electrical travel, Shaft dia. (∅3.175mm) with inch dimensions, Special machining on the shaft, Special functions, Bushingmount type (Same dimensions as FCP12AC).