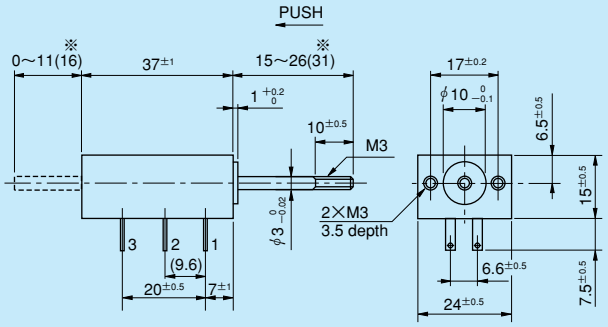
Conductive Plastic

MODEL 15FLP (with front and rear extended shaft)

Model 15FLP15A

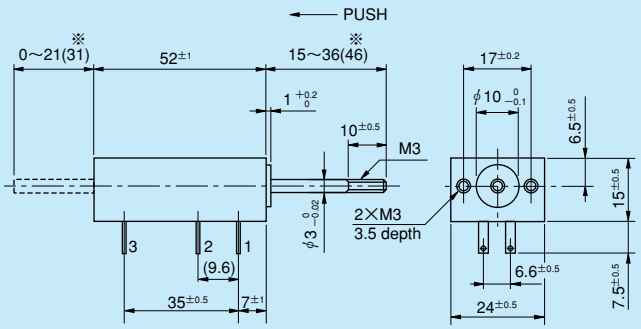
●Standard Dimensions

■Model 15FLP10A & Model 15FLP15A



※Numerals in parentheses show those of Model 15FLP15A.

■Model 15FLP20A & Model 15FLP30A



※Numerals in parentheses show those of Model 15FLP30A.

Note: 1. 2 pcs. each of flat-washer and hex nut are attached.
2. All terminals can be fitted with the AMP 110 series faston receptacle (2.8×0.5mm) or equivalents.

●Standard Model Nos.

15FLP10A	Stroke	10mm
15FLP15A	Stroke	15mm
15FLP20A	Stroke	20mm
15FLP30A	Stroke	30mm

●General Specifications

Model No.		15FLP10A	15FLP15A	15FLP20A	15FLP30A
Standard Resistance Values		500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)
Total Resistance Tolerance		±10% (K)			
Independent Linearity Tolerance	**Standard Class**	±2.0%	±1.0%		
	Precision Class	±1.0%	±0.5%		
Resolution		Essentially Infinite			
Output Smoothness		Within 0.1% against input voltage			
Contact Resistance Variation		Within 2% C.R.V.			
Power Rating		0.2W	0.3W	0.4W	0.5W
Electrical Stroke		10±0.5mm	15±0.5mm	20±0.5mm	30±0.5mm
Mechanical Stroke (MS)		10^{+2}_{0}mm	15^{+2}_{0}mm	20^{+2}_{0}mm	30^{+2}_{0}mm
Insulation Resistance		Over 1,000MΩ at 1,000V.D.C.			
Dielectric Strength		1 minute at 1,000V.A.C.			
Friction		Within 0.3N (30gf)			
Stopper Strength		Approx. 20N (2kgf)			
Resistance Temperature Coefficient		±400p.p.m./℃			
Mass		Approx. 30g			

●Special Specifications Available

Spring return device incorporated (Friction is approx. 3N [300gf].), Special machining on the shaft.