Potentiometer	PO RM63xxxxm

Performance in details

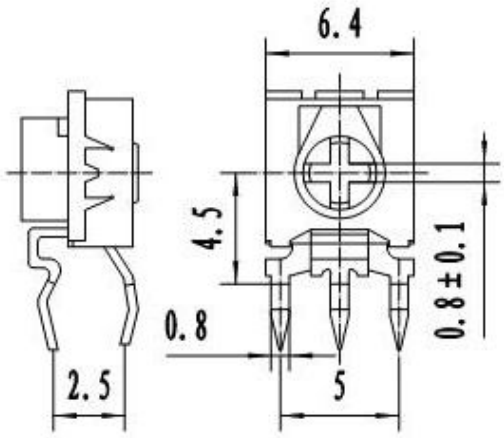
Electrical performance	Power ratings	0.1W
	Maximum working voltage	DC 50V
	Resistance range& tolerance	100Ω～1MΩ ±20% 1MΩ＜R≤2.2MΩ ±30%
	Resistance taper	B
	End resistance	R≤ 1KΩ: Max 20Ω R>1KΩ: Max 2%R
	Rotational noise	≤5%R
Mechanical performance	Rotation torque	2-35mN.m
	Stop torque	50mN.m
	Rotation torque	210° ±10°
	Working temperature rang	-25℃ to +60℃

Ambient environmental performance	Mechanical life	cold often wet in no load after 100 cycles	△R≤±(10%R+0.5Ω)
	Heat resistant properties	In the 70 ± 2 ℃ placed 1000 ± 10 h, in normal temperature on the 1.5 h after	△R in - 30%R ~ 5% Ror less
	Wet resistance ability	Temperature 60±2 ℃, humidity 90 ~ 95%, and no-load placed 1000±10 h, 5 h is placed in normal temperature is often wet	R≤100KΩ △R in - 5%R ~ 25% Ro less R＞100KΩ △R in - 5%R ~ 35% Ro less
	Resistance to fall of	From 1 m height natural fall in hardwood desktop three times	No mechanical damage
	Resistance to soldering heat	Will product terminals in 350 + 5 ℃ of molten tin in 5 s, then placed in the normal temperature after 0.5 h again soak for 5 s, and then putting after 1 h at room temperature	No mechanical damage, △R in±1%R Ro less solder infiltration area is above 90%
	Vibration resistance	Frequency for 10 ~ 55 Hz, amplitude of 0.75 mm, total for 6 h	△R≤±2.5%R

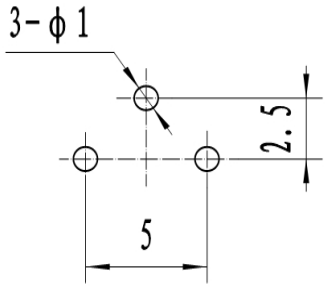
Ambient environmental performance	Resistance to soldering heat	Will product terminals in 350 + 5 ℃ of molten tin in 5 s, then placed in the normal temperature after 0.5 h again soak for 5 s, and then putting after 1 h at room temperature	No mechanical damage, △R in±1%R Ro less solder infiltration area is above 90%
	Vibration resistance	Frequency for 10 ~ 55 Hz, amplitude of 0.75 mm, total for 6 h	Δ R≤±2.5%R

Products picture

Products outline drawing-size specification

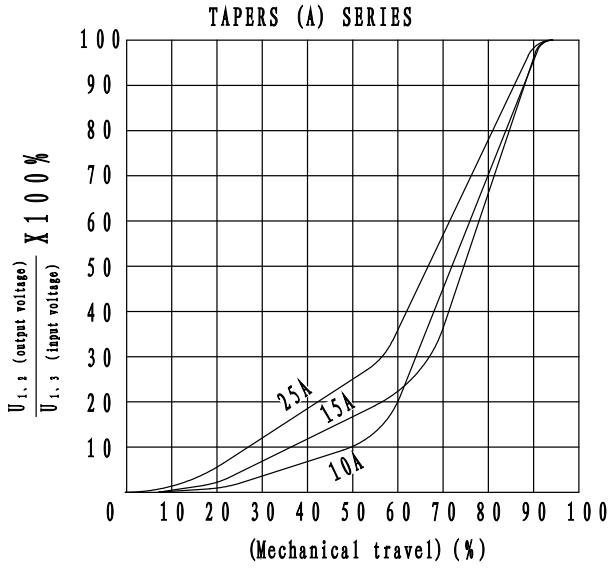


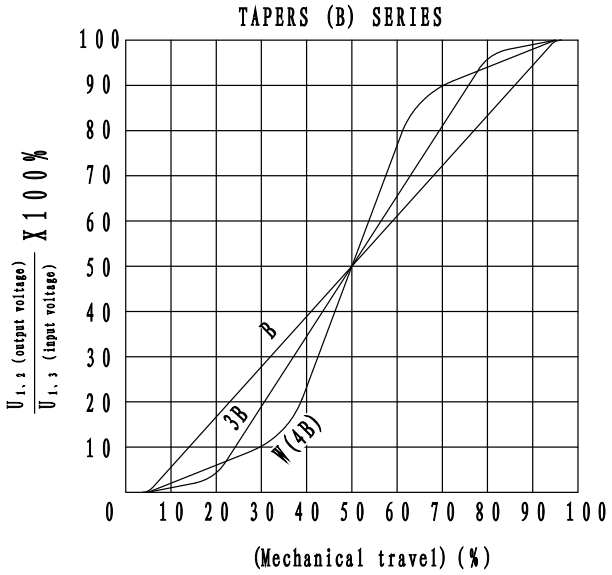
P.C.B(panel)mounting dimension

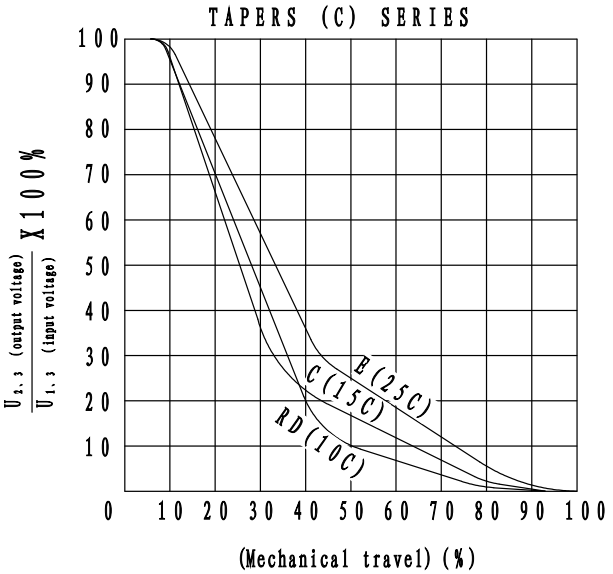


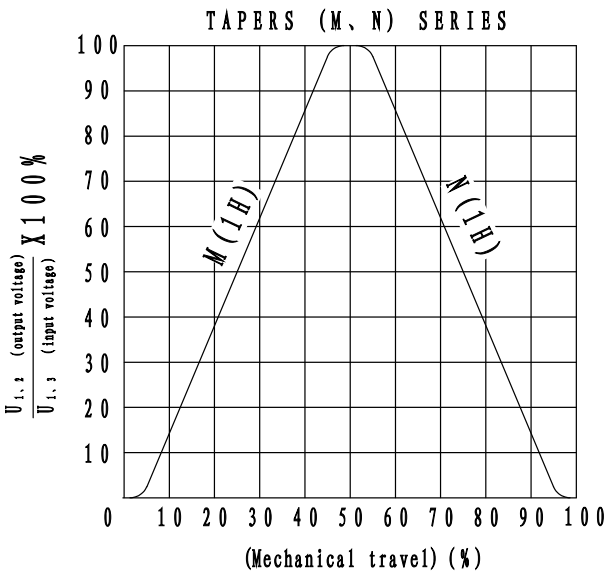
Products picture

(Resistance fapen schematic)









(resistance taper)	(linear)	(Index)	(Logarithm)
(JIS Standard)	B ✓	A	C