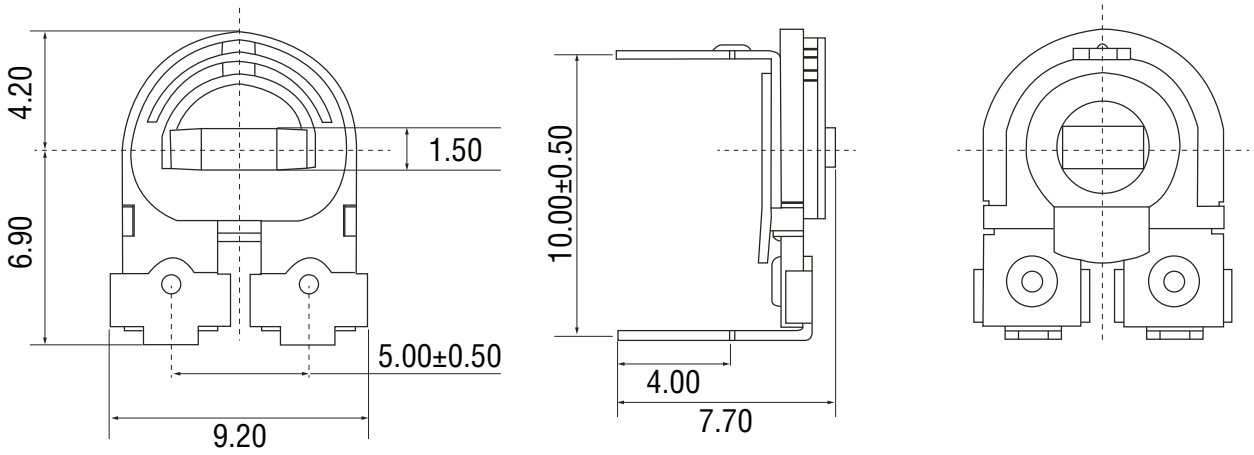
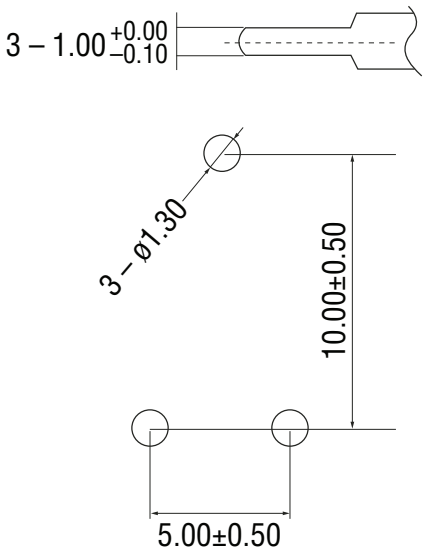
Carbon Preset Potentiometers

Order code	Resistance
67-0400	100Ω
67-0402	200Ω
67-0404	500Ω
67-0406	1kΩ
67-0408	2kΩ
67-0410	5kΩ
67-0412	10kΩ

Order code	Resistance
67-0414	20kΩ
67-0416	50kΩ
67-0418	100kΩ
64-0420	200kΩ
64-0422	500kΩ
64-0424	1MΩ





PCB LAYOUT

Carbon Preset Potentiometers

Features:

WR-085 Series ø8mm Phenolic carbon film type semi-fixed potentiometers.

Mounting style:	Through hole
Adjustment type:	Top
Numbers of turns:	1
Power rating:	0.1W
Pitch:	2.54mm

Electrical characteristics:

Nominal resistance:	100Ω~1mΩ
Resistance tolerance:	□±10% □±120% □±30%
Residual resistance:	Maximum 5% of nominal resistance, but under 30Ω
Resistance taper:	Linear (B)
Rated Power:	0.1W
Operating voltage:	50V Maximum
Rotational life:	Maximum ±15% change in resistance after 100
Load life:	Maximum ±5% change in resistance after 3 hours load

Mechanical characteristics:

Rotational angle:	270°±20°
Rotational torque:	80~300 g. cm
Stop-end strength:	500g. cm minimum
Mechanical strength:	Bakelite base not to be broken down under a force of 1 Kg

Climatic characteristics:

Operating temperature:	–5°C~40°C
Temperature characteristics:	Resistance change within +5~30% after 5 hours at 70°C
Humidity characteristics:	Maximum resistance change within 20% after 350 hours loaded at 40°C and R.H. 90%

Soldering conditions:

Temperature:	250°C
Time:	2 seconds