

2LD30RS-L100K

ATTENUATOR

L-Pad circuit

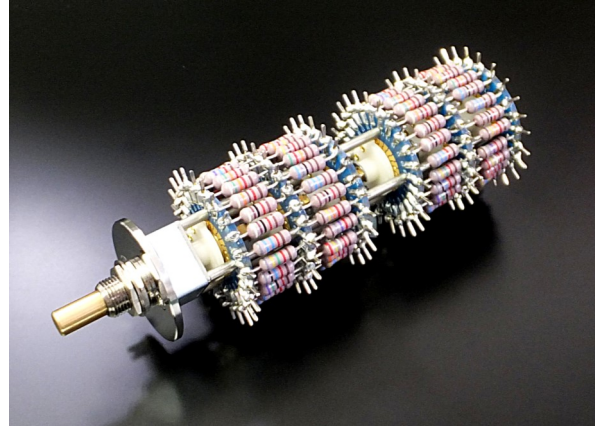
Set quantity of attenuation only in two resistors.

Au-plated contacts

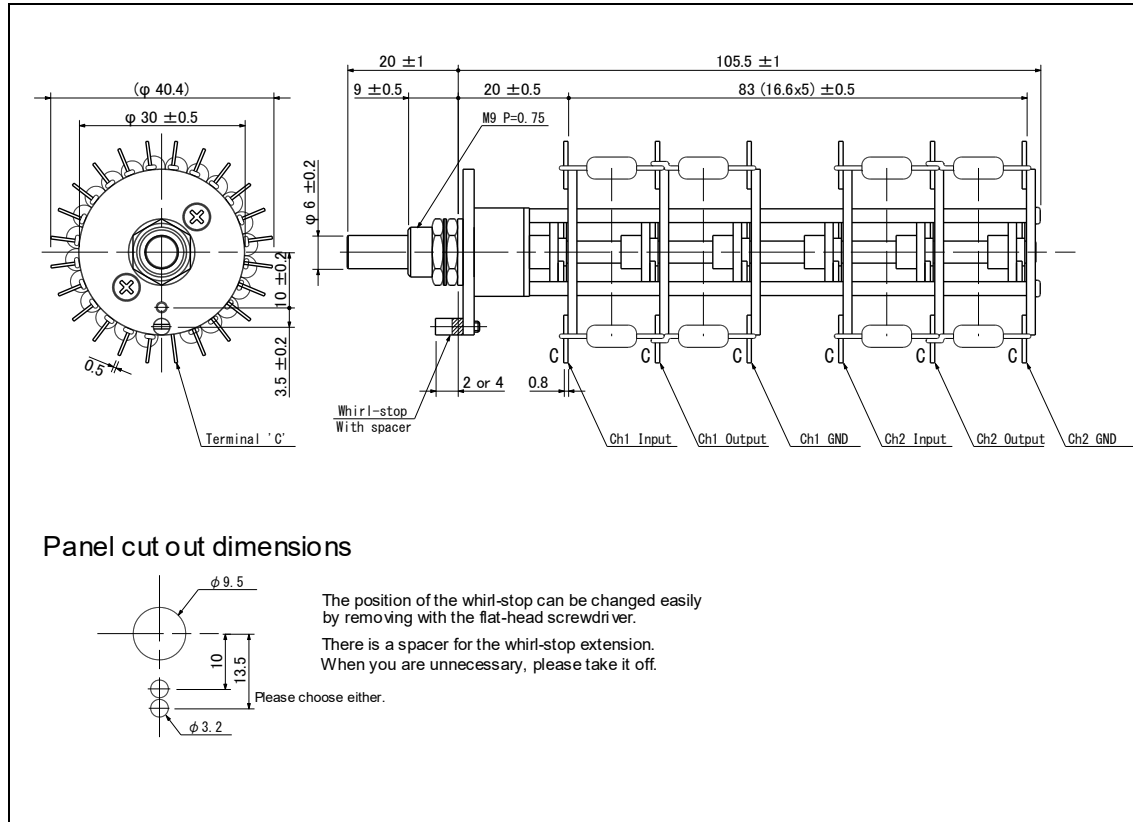
Low contact resistance

L100K

Model to use in load resistance 100kohm.



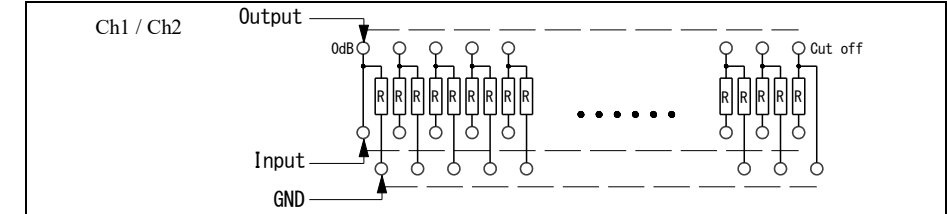
Dimensions



Model number

2	LD	30R	S	- L100K
Number of circuit 2: Dual circuits	Circuit method LD: L-Pad	Product type	Stepper type S: With clicks	Load Impedance 100K: 100kohm

Circuit method



Electrical specifications

2LD30RS-L100K	
Circuit method	L-Pad (stepped)
Attenuation (Load:100kohm)	0, 2, 4, 6, ... (2dB step) ..., 30, 33, 36, 40, 45, 50, 60, Cut off Attenuation decreases with the clockwise (Up to Signal level).
Attenuation accuracy	±0.5dB
Max attenuation	60dB ± 0.5dB
Cut off (15kHz)	80dB Min.
Matching accuracy	0.5dB or less (0dB - 60dB)
Number of circuit	2
Impedance	100kohm (2dB - 60dB) / 50kohm (0dB) *The position of 0dB becomes resistance 50kohm on account of the circuitry.
Insertion loss	0.3dB or less
Input level	Max. 0.5W
Frequency range	DC ~ 20kHz
Voltage proof	1 Min. at AC100V
Insulation resistance	100Mohm or more at DC500V
Rotational life	30,000 Cycles Min. (18cycles/min, Attenuation accuracy: ±1dB or less)

Mechanical specifications

2LD30RS-L100K	
Operating angle	330degrees ±2degrees
Step angle	15degrees ±1degrees
Strength of nut-attached	50Ncm
Attached parts	Hexagonal nut (M9)
Stopper strength	50Ncm
Push-pull strength	50N

Other specifications

2LD30RS-L100K	
Temp. range	-10 to +70 degrees C (Operating), -15 to +75 degrees C (Storage)
Relative humidity	90%RH (No condensation)

Note

- * Solder heat resistance: 390degrees C max, 3sec max (or 350degrees C, 5sec max), 2 times. (Manual soldering only)
- * Please take care during soldering that the smoke from the solder does not flow inside a switch.
- * Special order is not acceptable.
- * This product is an attenuator of the types to change resistance. Therefore, a switching noise may occur.