

Panel Mount Encoder

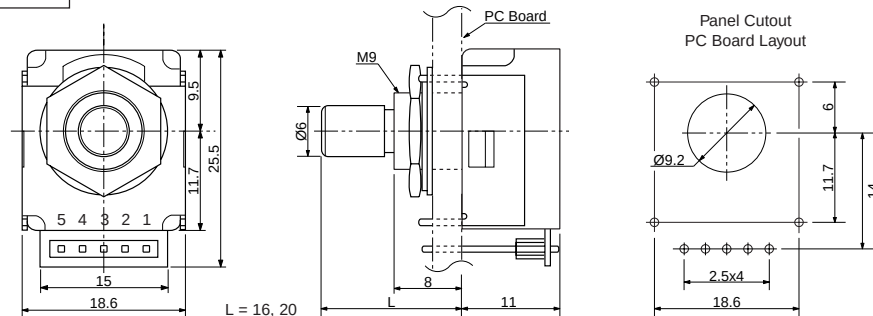
RE21

INTEGRAL PUSH SWITCH

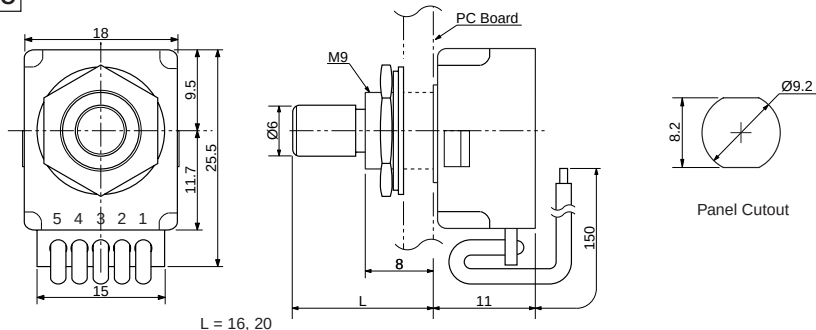
- PUSH SWITCH
- LOW COST
- LONG LIFE
- LOW PROFILE

- DETENT OR FREE
- SHAFT SEAL OPTION
- DURABLE
- IN STOCK NOW

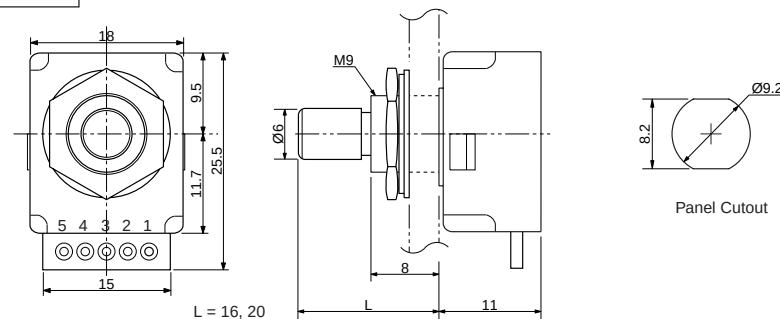
RE21XF



RE21XC



RE21XS



SPECIFICATIONS

ELECTRICAL

1. Input Power: 5.0 VDC $\pm 5\%$ @ 20mA
2. Output Voltage: H = Vcc - 0.5V
L $\leq$ 0.4V
3. Resolution: 25 PPR
3. Output Type: TTL Compatible
4. Max. Freq. Response: 500 Hz

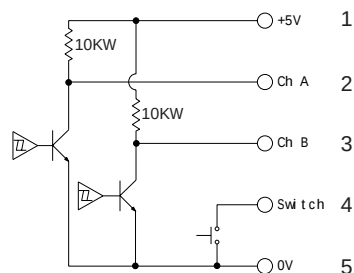
MECHANICAL

1. Max Shaft Load, radial: 5.0 kgf
axial: 5.0 kgf
2. Rotational Angle: 360° continuous
3. Click Torque: 30~70 gf·cm
4. Rotational Life: 1,000,000 cycles

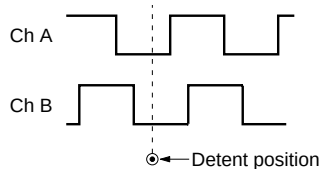
ENVIRONMENTAL

1. Operating Temp: 0° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: $\leq 85\%$ RH, no condensation
4. Vibration: 10~55 Hz, 1.5 mm, 2 hrs
5. Shock: 50G, 6ms, 3 axes, 3 reps

OUTPUT CIRCUIT



OUTPUT WAVEFORM



ORDERING INSTRUCTIONS

RE21 ☐ ☐ 25 ☐ ☐ ☐ R

N = Not waterproof
P = Waterproof

Body Type:
C = Cable type
F = Front mounting
S = Standard

Shaft Length:
16 = 16mm
20 = 20mm

Detent:
C = Click
= No Click

Resolution:
25 = 25 Cycles



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