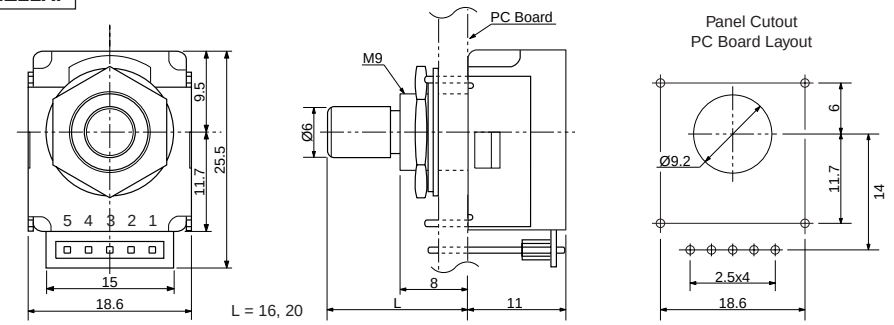
Panel Mount Encoder

RE21

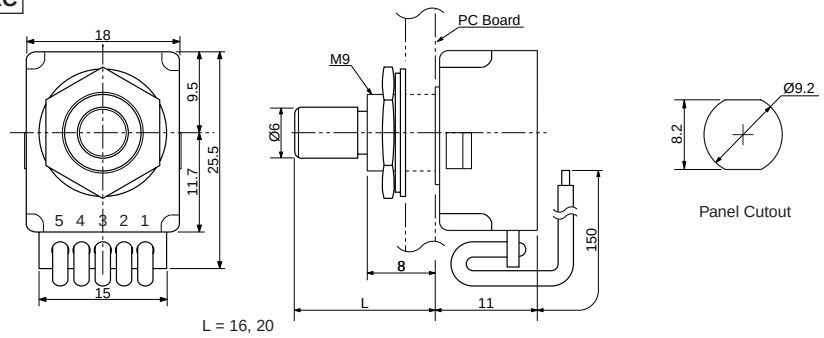
INTEGRAL PUSH SWITCH

- *PUSH SWITCH*
- *LOW COST*
- *LONG LIFE*
- *LOW PROFILE*
- *DETENT OR FREE*
- *SHAFT SEAL OPTION*
- *DURABLE*
- *IN STOCK NOW*

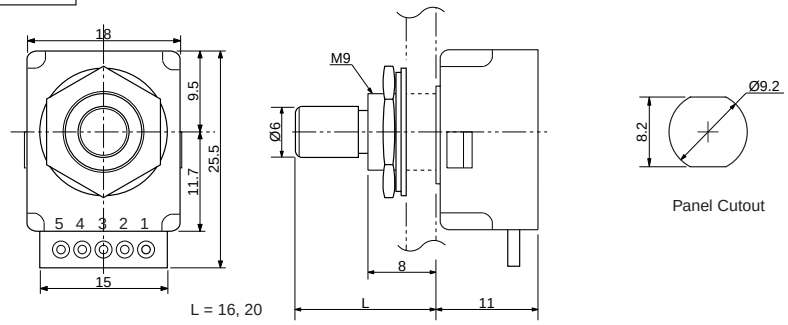
RE21XF



RE21XC



RE21XS



SPECIFICATIONS

ELECTRICAL

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

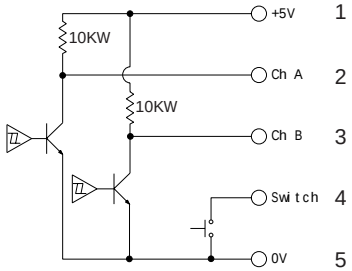
MECHANICAL

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

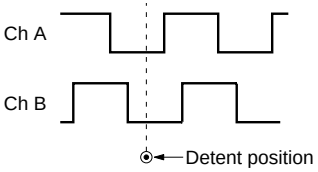
ENVIRONMENTAL

1. Operating Temp: 0° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: £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
- Resolution:
  25 = 25 Cycles
- Detent:
  C = Click
  = No Click
- Shaft Length:
  16 = 16mm
  20 = 20mm

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DRAWN BY	UPDATED	CHECKED	RELEASED
JRH	01/29/07	01/29/07	

PART NO.	REV.
RE21XX25XXXR	B

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