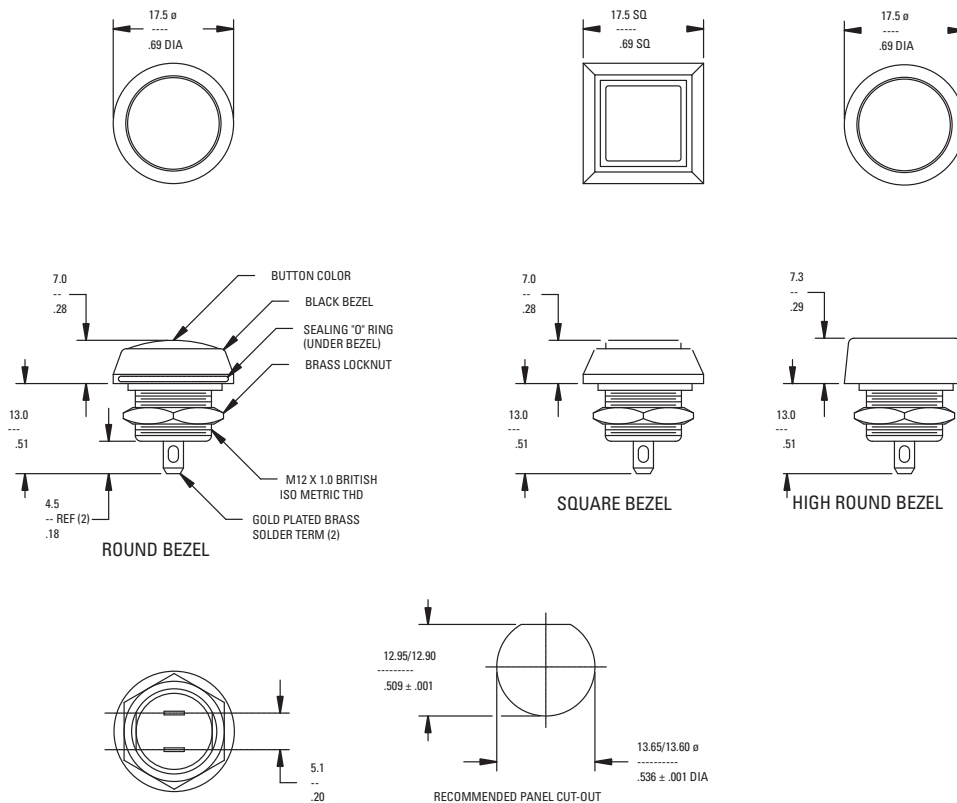


PRODUCT DRAWINGS



PANEL MOUNTING AND CONSTRUCTION INFORMATION

The series 59 mounts easily into panels of minimum 1.5mm (.060 in.) and maximum 3mm (.118 in.) thickness. Front panel sealing to IP67 is achieved by a sealing "O" ring fitted into a premachined groove on the body of the switch before it is inserted into the panel hole cut-out. It is held onto the panel by means of a brass hex nut tightened down by a 14mm spanner, to a torque of between 1.5Nm to 3.0Nm to achieve the correct sealing pressure. A "D" flat is provided to prevent rotation.

MECHANICAL / ELECTRICAL CHARACTERISTICS:

Travel (nom):
2.3mm (.090 in.)

Life (max):
1,000,000 cycles

Operating force (nom):
3N / 306 grams

Contact bounce (nom):
1 millisecond

Panel thickness (max):
3mm (.118 in.)

Dielectric strength:
1000 VAC

Insulation resistance:
1 GΩ

Contact resistance (initial):
50 mΩ (Max)

Current rating (typical):
400mA at 32 VAC resistive
100mA at 50 VDC resistive
125mA at 125 VAC resistive

Shock:
100G

Operating temp range:
-55°C to +125°C
(-67°F to +257°F)

Body material:
zinc alloy, black

Button material:
PBT thermoplastic

Contacts:
gold plated palladium nickel

Terminals:
gold plated brass