

CHARACTERISTICS

MATERIALS

SHELL : BRASS
 SHELL PLATING : NICKEL
 NUT : BRASS
 NUT PLATING : NICKEL
 LATCH SLEEVE : BRASS
 LATCH SLEEVE PLATING : NICKEL
 CONTACTS : COPPER ALLOY
 CONTACT PLATING : 7 μ " GOLD PLATED OVER 196 μ " NICKEL MIN.
 INSULATOR : PPS (HIGH TEMPERATURE)
 O-RING: SILICONE

MECHANICAL

DURABILITY: 5000 CYCLES
 OPERATING TEMP. RANGE: -40° C ~ +200° C
 PROCESS TEMPERATURE: 260°C FOR 5 SECONDS
 MAX. TORQUE VALUE: 7.0 Nm [61.0 IN/lbs]
 SHIELDING: 75dB @ 10MHz
 40dB @ 1GHz

IP RATING: 67

821K R YY - 2 1 3 R 00 1

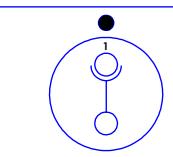
1 = GOLD FLASH
 R = RIGHT ANGLE
 # OF POSITIONS (Ex. 002)
 SEE CHART A
 2 = FEMALE
 13.00 [0.512] SERIES
 RoHS COMPLIANT
 NICKEL/CHROME PLATED SHELL
 BOARD MOUNT (PANEL MOUNT)

NOTE

SEE PAGE 2 FOR BOARD LAYOUTS

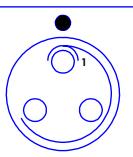
CHART A

● = KEY LOCATION



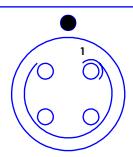
2 POSITION
 12 AMP MAX.
 PIN ϕ = 1.30 [0.051]

CONTACT
 RESISTANCE = 5 m Ω
 TEST VOLTAGE = 1500V
 WORKING VOLTAGE = 500V



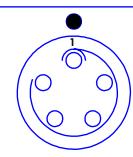
3 POSITION
 12 AMP MAX.
 PIN ϕ = 1.30 [0.051]

CONTACT
 RESISTANCE = 5 m Ω
 TEST VOLTAGE = 1300V
 WORKING VOLTAGE = 430V



4 POSITION
 12 AMP MAX.
 PIN ϕ = 0.70 [0.028]

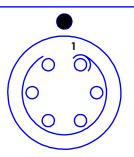
CONTACT
 RESISTANCE = 6 m Ω
 TEST VOLTAGE = 1300V
 WORKING VOLTAGE = 430V



5 POSITION
 6 AMP MAX.
 PIN ϕ = 0.70 [0.028]

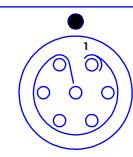
CONTACT
 RESISTANCE = 6 m Ω
 TEST VOLTAGE = 1250V
 WORKING VOLTAGE = 415V

VIEW FROM TERMINATION END



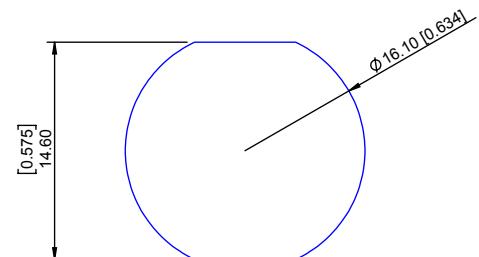
6 POSITION
 6 AMP MAX.
 PIN ϕ = 0.50 [0.020]

CONTACT
 RESISTANCE = 7.5 m Ω
 TEST VOLTAGE = 1050V
 WORKING VOLTAGE = 350V



7 POSITION
 6 AMP MAX.
 PIN ϕ = 0.50 [0.020]

CONTACT
 RESISTANCE = 7.5 m Ω
 TEST VOLTAGE = 950V
 WORKING VOLTAGE = 315V



PANEL CUTOUT

TOLERANCE = +0.10, -0.0
 [+0.004, -0.00]

RoHS COMPLIANT



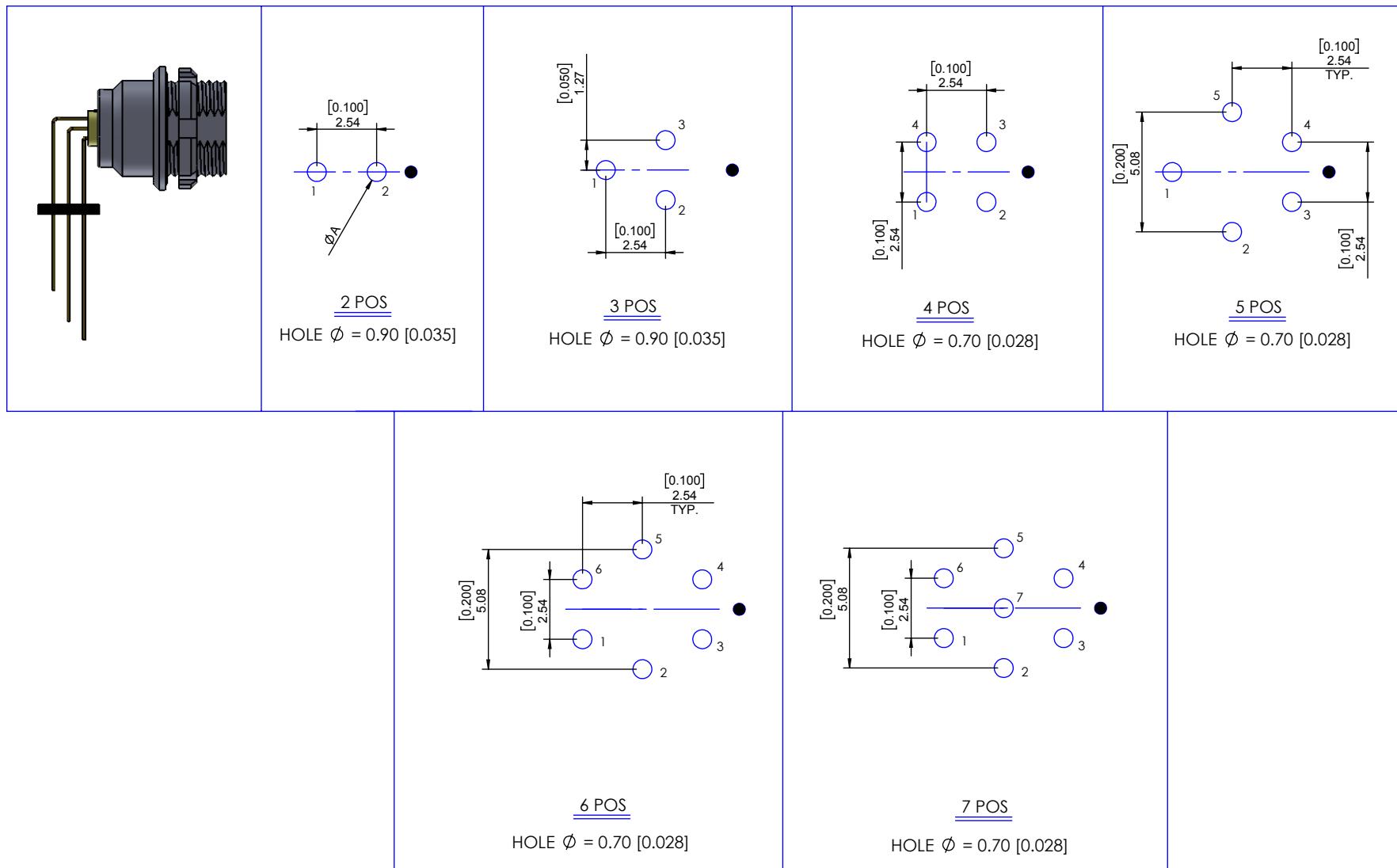
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BOARD LAYOUTS

● = KEY LOCATION

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