

MATERIAL SPECIFICATIONS:

ContactsSilver clad copper with gold flash
Case MaterialThermoset
Actuator MaterialNickel plated copper alloy
TerminalsCopper with gold flash
Terminal SealMolded in

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature.....-4°F to +176°F (-20°C to +80°C)
Storage Temperature.....-40°F to +176°F (-40°C to +80°C)

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating6 A @ 125 VAC, 3 A @ 250 VAC
Initial Contact Resistance.....10 Milliohms max.
Contact Timing.....Break-before-make
Insulation Resistance1,000 Megohms min.
Dielectric Strength1,500 Volts RMS @ sea level
Actuation Force1.3 to 2.7 lbs.
Actuator Travel140" (3.56)
Life Expectancy50,000 Actuations

Notice: O-ring on shoulder and inside moveable shaft provides splashproof seal.

Top View: .232 (5.89) DIA., .236 (5.99) DIA., .253 (6.42) DIA., .250 (6.35) DIA., .470 (11.94) DIA., .228 (5.79) ACROSS FLAT, .020 Dp. x .040 W (0.50 Dp. x 1.00 W) KEYWAY

Side View: .160 (4.06), .280 (7.11), .690 (17.53), .160 (4.06), .390 (9.90) DIA., .320 (8.12), .040 x .080 (1.00 x .200) OBLONG HOLE, .170 (4.31) TYP., .031 (0.78)

Front View: .320 (8.12), .512 (13.0), .090 (2.28) TYP.

1/4-40 UNS-2A

SPDT

MPE106D

Model	Type	Act. Code P. M9	Action
MPE106D	SPDT	23	Push on/Push off
MPE106F	SPDT	19	Momentary

Cap not supplied, order separately (See Cap Model C22 and C23 on page D45.)

Top View: .232 (5.89) DIA., .236 (5.99) DIA., .253 (6.42) DIA., .250 (6.35) DIA., .470 (11.94) DIA., .228 (5.79) ACROSS FLAT, .020 Dp. x .040 W (0.50 Dp. x 1.00 W) KEYWAY

Side View: .160 (4.06), .280 (7.11), .690 (17.53), .160 (4.06), .390 (9.90) DIA., .320 (8.12), .040 x .080 (1.00 x .200) OBLONG HOLE, .170 (4.31) TYP., .031 (0.78)

Front View: .512 (13.0), .190 (4.82) TYP., .512 (13.0)

1/4-40 UNS-2A

DPDT

MPE206N

Model	Type	Act. Code P. M9	Action
MPE206N	DPDT	24	Push on/Push off
MPE206R	DPDT	20	Momentary

Cap not supplied, order separately (See Cap Model C22 and C23 on page D45.)

Top View: .232 (5.89) DIA., .236 (5.99) DIA., .253 (6.42) DIA., .250 (6.35) DIA., .470 (11.94) DIA., .230 (5.90) ACROSS FLAT, .020 Dp. x .040 W (0.50 Dp. x 1.00 W) KEYWAY

Side View: .160 (4.06), .280 (7.11), .780 (19.81), .160 (4.06), .390 (9.90) DIA., .320 (8.12), .040 x .080 (1.00 x .200) OBLONG HOLE, .170 (4.30) TYP., .031 (0.78)

Front View: .701 (17.81), .190 (4.82) TYP., .512 (13.0)

1/4-40 UNS-2A

3PDT

MPE306F

Model	Type	Act. Code P. M9	Action
MPE306D	3PDT	25	Push on/Push off
MPE306F	3PDT	21	Momentary

Cap not supplied, order separately (See Cap Model C22 and C23 on page D45.)

Top View: .232 (5.89) DIA., .236 (5.99) DIA., .253 (6.42) DIA., .250 (6.35) DIA., .470 (11.9) DIA., .230 (5.90) ACROSS FLAT, .020 Dp. x .040 W (0.50 Dp. x 1.00 W) KEYWAY

Side View: .160 (4.06), .280 (7.11), .780 (19.81), .160 (4.06), .390 (9.90) DIA., .320 (8.12), .040 x .080 (1.00 x .200) OBLONG HOLE, .170 (4.30) TYP., .031 (0.78)

Front View: .889 (22.58), .190 (4.82) TYP., .512 (13.0)

1/4-40 UNS-2A

4PDT

MPE406N

Model	Type	Act. Code P. M9	Action
MPE406N	4PDT	26	Push on/Push off
MPE406R	4PDT	22	Momentary

Cap not supplied, order separately (See Cap Model C22 and C23 on page D45.)

Need more technical information?

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