• SUPPLY VOLTAGE: 4.5V TO 30V DC REGULATED
• SUPPLY CURRENT: 10mA MAX
• OUTPUT TYPE: OPEN COLLECTOR, 30V MAX
• OUTPUT SATURATION VOLTAGE: 0.6V MAX @ 25mA
• PROTECTION: REVERSE POLARITY AND OUTPUT SHORT CIRCUIT
• OPERATING FREQUENCY: 0Hz TO 15kHz
• AIR GAP: 0.100" (SEE NOTE 1)
• DUTY CYCLE: 50% ± 25% DEPENDENT ON TARGET GEOMETRY
• PHASE SHIFT: 90° ± 45° DEPENDENT ON TARGET GEOMETRY (SEE ALIGNMENT)
• ALIGNMENT: 12P (2M) SPUR GEAR CONTACT FACTORY FOR CUSTOM ALIGNMENT
• OPERATING TEMPERATURE: -40°C TO 125°C
• STORAGE TEMPERATURE: -40°C TO 125°C
• MATING CONNECTOR: MIL-DTL-26482 TYPE 10–6SN
• ENVIRONMENT RATING: IP68

NOTES:

1. AIR GAP IS DEPENDENT ON TARGET GEOMETRY AND OPERATING FREQUENCY
   HIGHER OPERATING FREQUENCIES AND FINER PITCH GEARS MAY REQUIRE AIR GAPS
   LESS THAN 0.100"

MOTION SENSORS, INC.

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