SUPPLY VOLTAGE: 4.5V TO 30V DC REGULATED
SUPPLY CURRENT: 10mA MAX @ NO LOAD, BOTH OUTPUTS HIGH
OUTPUT TYPE: SUPPLY TRACKING, OPEN COLLECTOR
OUTPUT LOGIC LOW (Vol): 0.6V MAX @ 25mA
OUTPUT LOGIC HIGH (Voh): (Vs – 0.2V) X (RL / (2.2K + RL)) TYPICAL
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

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"