SUPPLY VOLTAGE: 6V TO 30V DC REGULATED
SUPPLY CURRENT: 20mA MAX @ NO LOAD
OUTPUT TYPE: PUSH/PULL, CMOS/TTL (5V)
OUTPUT SATURATION VOLTAGE HIGH: 0.6V MAX @ 30mA
OUTPUT SATURATION VOLTAGE LOW: 0.4V MAX @ -30mA
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"