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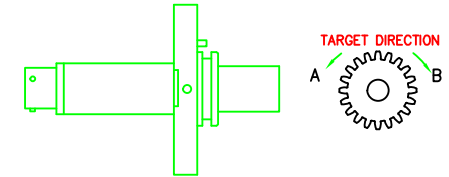
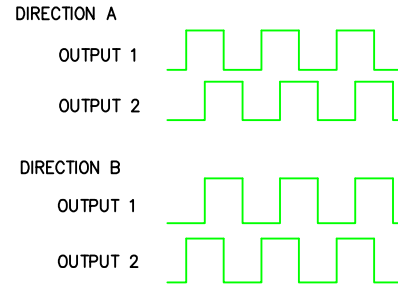
DWG NO. HD-67 SH 1 REV B

- SUPPLY VOLTAGE: 4.5V TO 30V DC REGULATED
- SUPPLY CURRENT: 10mA MAX WITH NO OUTPUT LOAD
- 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

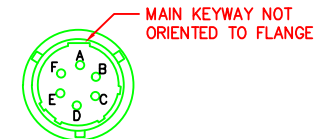
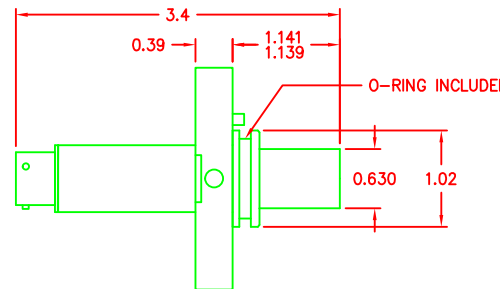
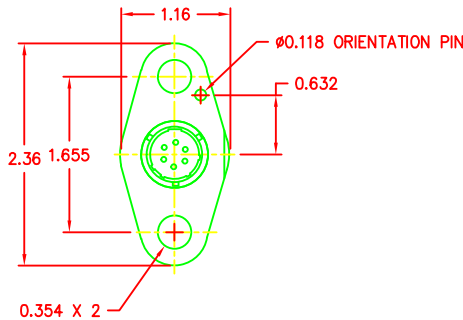
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APP
B1	A	ADDED NOTE ABOUT CONNECTOR KEYWAY ORIENTATION	02/20/15	WS
	B	UPDATED TO REFLECT STANDARD CHANGES	08/23/16	WS

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"



GEAR DIRECTION	OUTPUT 1	OUTPUT 2
DIRECTION A	LEAD	LAG
DIRECTION B	LAG	LEAD



PIN DESCRIPTION	PIN
POWER INPUT	A
POWER AND PULSE COMMON	B
OUTPUT PULSE 1	C
OUTPUT PULSE 2	D
NO CONNECTION	E
NO CONNECTION	F

786 PITTS CHAPEL ROAD
ELIZABETH CITY, NC 27909

MATERIAL	APPROVALS	
300 SERIES STAINLESS	DRAWN W. STAMBAUGH	DATE 08/23/16
FINISH	CHECK M. PRITCHARD	00/00/00
	ISSUED M. PRITCHARD	00/00/00

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES OTHER THAN THE SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS:

1 PLACE DECIMAL	±.1
2 PLACE DECIMAL	±.01
3 PLACE DECIMAL	±.005
FRACTIONAL	±1/64
ANGULAR	±1/2°

MOTION SENSORS, INC.

TITLE: **OUTLINE-SPECIFICATION DRAWING DUAL HALL EFFECT, OPEN COLLECTOR OUTPUT, FLANGED HOUSING WITH CONNECTOR**

SIZE	CAGE CODE	DWG NO	REV
C	OY2U4	HD-67	B

SCALE: NONE SHEET

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