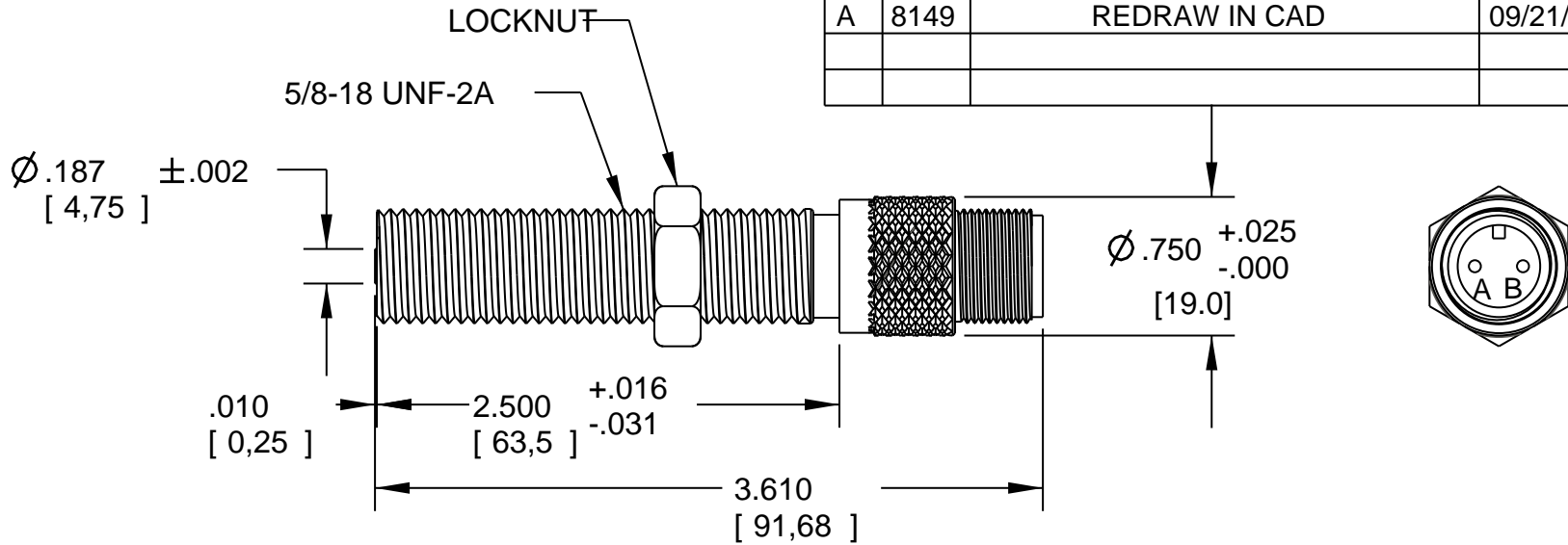


| REV | ECN | DESCRIPTION | DATE | DR | CK |
|-----|------|---------------|----------|----|----|
| A | 8149 | REDRAW IN CAD | 09/21/12 | PF | MG |
| | | | | | |
| | | | | | |



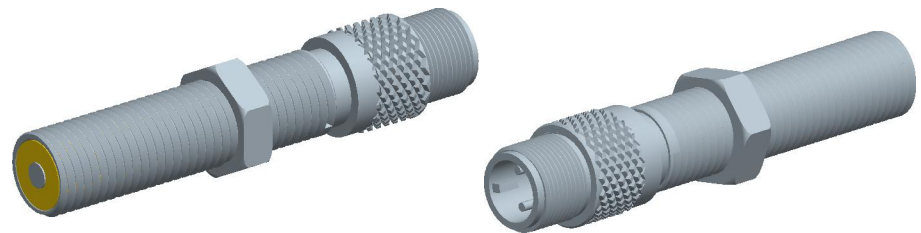
| TEMPERATURE RANGE | OUTPUT VOLTAGE PEAK TO PEAK | DC RESISTANCE OHMS | INDUCTANCE MILLIHENRYS | OUTPUT CONNECTOR | INSULATION RESISTANCE | NET WEIGHT |
|---------------------|-----------------------------|----------------------|------------------------|---|--|-----------------|
| -65 ° F to +225 ° F | 18-23 VOLTS (SEE NOTE 1) | 170-210 AT 75 ° F | 12-16 AT 1KHz | MATES WITH MS3106A-10SL-4S (SEE NOTE 2) | 100 MEGOHMS MIN. AT 500 VDC, COIL TO HOUSING | 5.2 OZ. AVG. |

NOTES:

- TESTED AT 1000 INCHES/SECOND WITH A 20 PITCH, 30 TOOTH GEAR, 0.005" CLEARANCE AND 100,000 OHMS LOAD SHUNTED BY 250 PF.
- WITH APPROACH OF FERROUS METAL, PIN "B" IS POSITIVE WITH RESPECT TO PIN "A".

CONSTRUCTION:

HOUSING ----- 303 STAINLESS STEEL
 POLE PIECE - 416 STAINLESS STEEL
 POTTING ----- EPOXY RESIN



| | | | |
|--------------------------------------|--------------------|------------------------|--------------|
| | | THIRD ANGLE PROJECTION | Sheet 1 of 1 |
| | | | |
| MODEL | M189 | DRAWN | PF |
| PATH | MPROD\PICKUPS\M189 | APPROVED | LOC |
| TITLE MAGNETIC PICKUP, MODEL M189 | | | |
| DATE | 06/15/81 | REV | A |
| A | | 800-0189 | |

| | | | |
|------------|-----------|-------|--------|
| TOLERANCES | FRACT. | DEC. | ANGLES |
| ±1/64 | .XXX±.005 | ±1/2° | |
| | .XX±.01 | | |
| MATERIAL | FINISH | | |

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