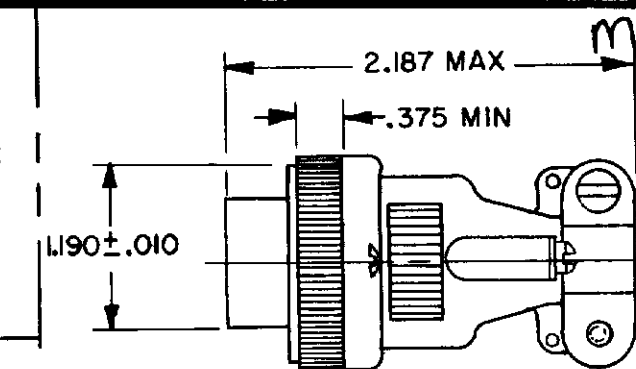


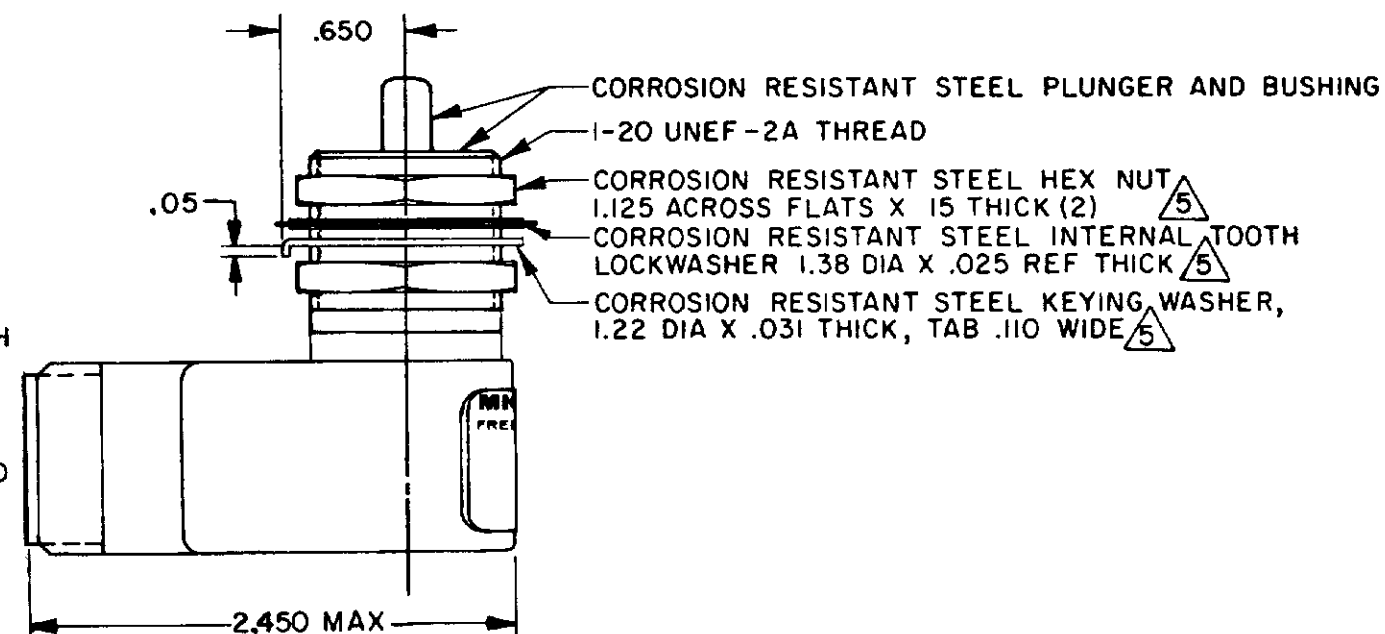
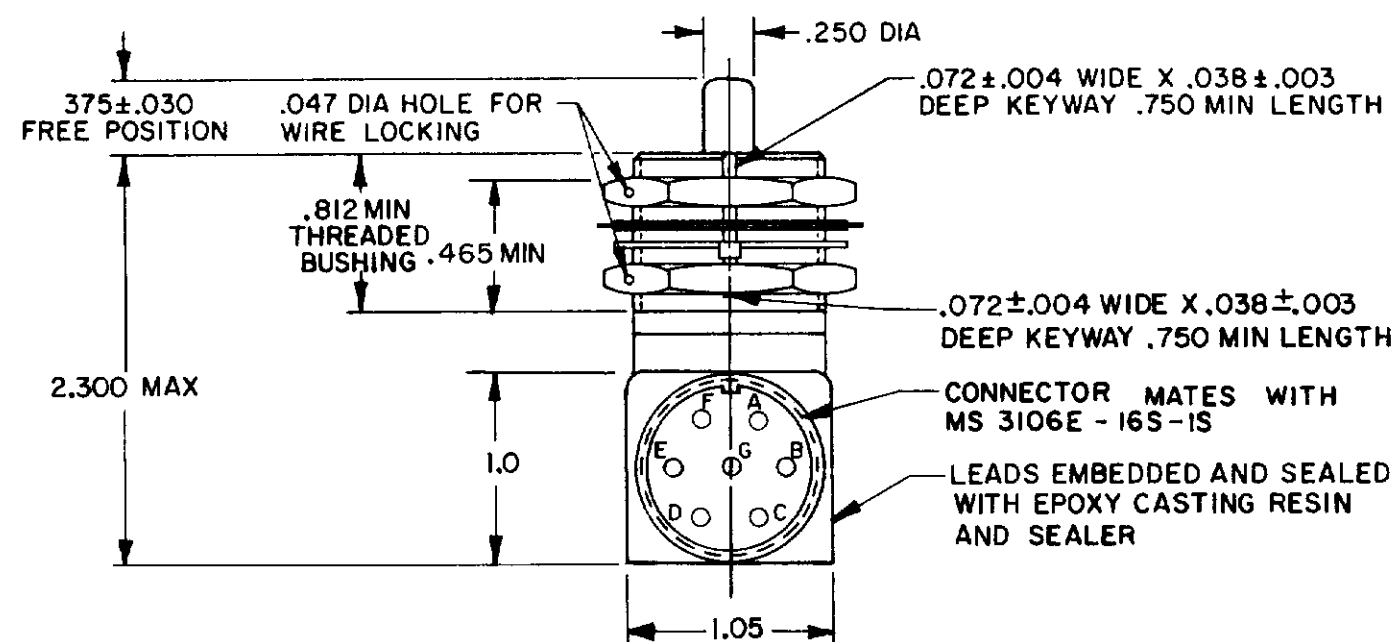
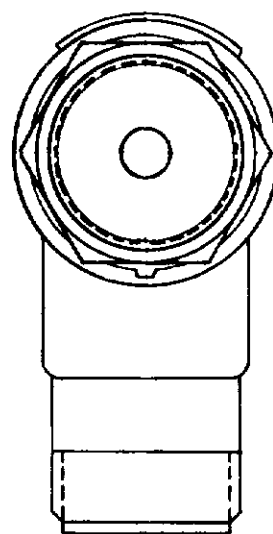
FED MFG CODE 91929

CATALOG LISTING

CIRCUIT DIAGRAM

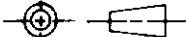


MATING CONNECTOR
MS 3106E-16S-1S, 



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THIRD ANGLE PROJECTION



SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR
REFERENCE. UNLESS NOTED TOLERANCES ARE $\pm$

	DIM	TOL	DIM	TOL
	mm	mm/in	in	mm/in
NO PLACES	X	1/04		
ONE PLACE	X X	0 4/ 016	X X	0 8/ 03
TWO PLACES	X X X	0 5/ 006	X X X	0 38/ 01
THREE PLACES			X X X X	0 13/ 001
ANGLES				

DESIGN UNITS ☐ SYMMETRIC ☐ US CUSTOMARY ☒

RAW MATERIAL—COMMERCIAL STANDARD
MICRO SWITCH STANDARDS APPLY
DIMENSIONS ARE TO BE MET BEFORE
PROTECTIVE COATINGS ARE APPLIED

WEIGHT

OPERATING FORCE ——— 6-12 LB
FULL OVERTRAVEL FORCE ——— 30 LB MAX
RELEASE FORCE ——— 4 LB MIN
PRETRAVEL ——— .040 MAX
DIFFERENTIAL TRAVEL ——— .020 MAX
OVERTRAVEL ——— .250 MIN

CONTACT ARRANGEMENT

S P D T (2)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	5	
IND	3	
MOTOR	4	

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF
PLUNGER TRAVEL
- 5 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- 6 - THIS CONNECTOR IS SUPPLIED WITH THE SWITCH

REVISIONS

107

DRAWN

REPLACES

RELEASE NO. PR-4772

CHECK

CHECK

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