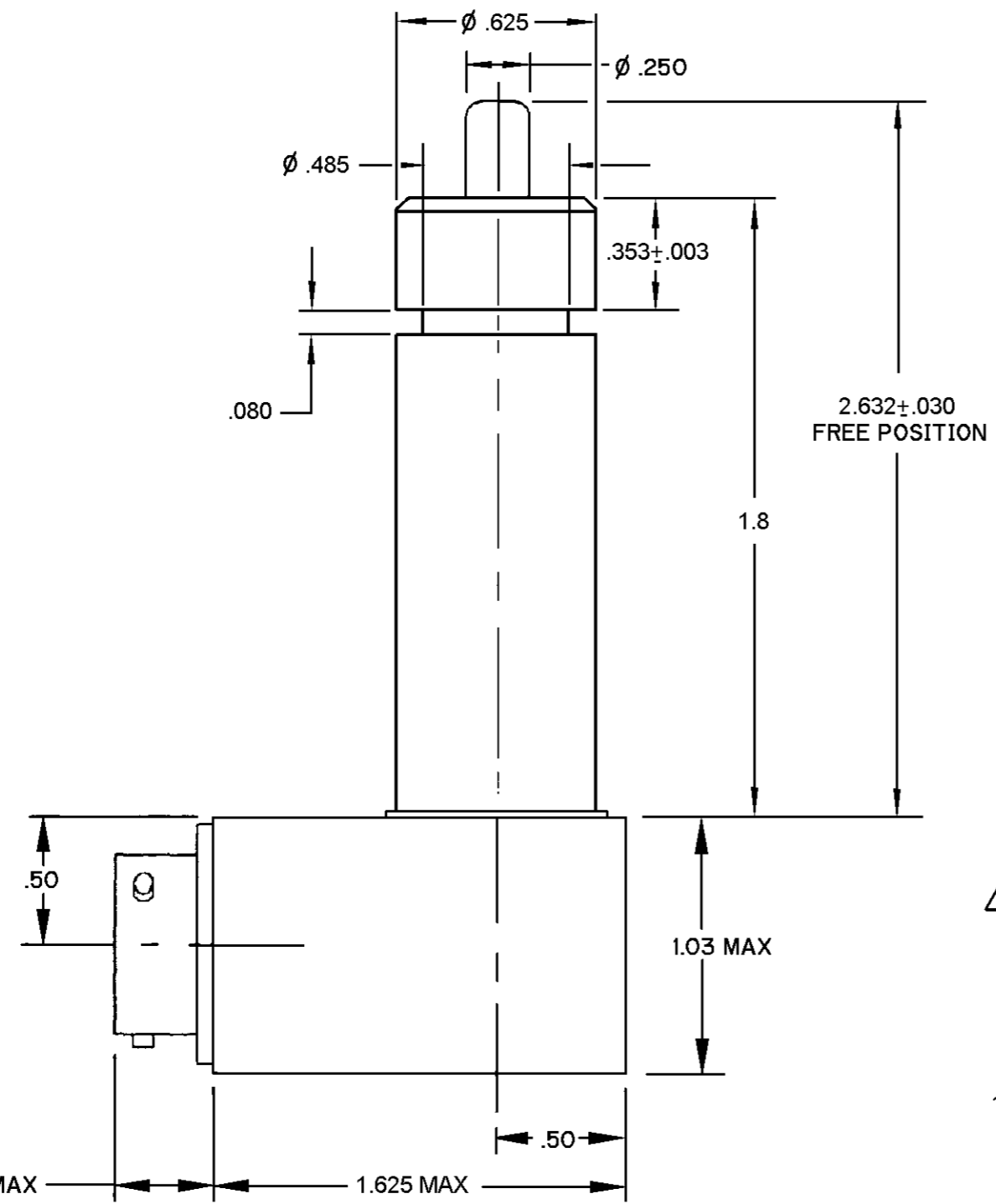
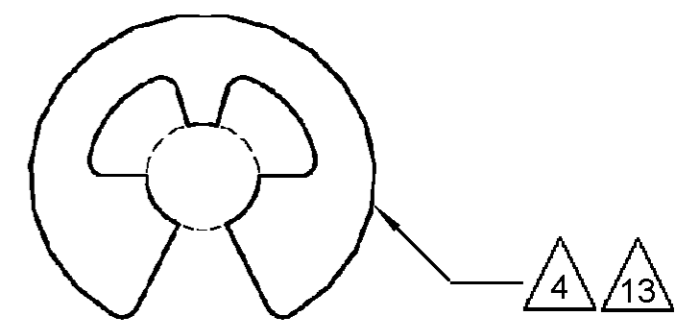


RECEPTACLE MEETS
MIL-C-38999 SERIES II,
MS27476Y10D99P

CONNECTOR/END VIEW DETAIL



NOTES

- 1 - PRINT CIRCUIT DIAGRAM, CATALOG LISTING AND DATE CODE ON NAMEPLATE
 - 2 - CORROSION RESISTANT STEEL PLUNGER, BUSHING AND E-RING
 - 3 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 3
 - ④ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
 - 5 - HOUSING IS PLATED TO RESIST CORROSION, AND PAINTED WITH GREEN EPOXY BASED ENAMEL, FED-STD-595, COLOR 34151, PER MIL-C-22750
 - 6 - SHOCK PER MIL-PRF-8805, SYMBOL M
 - 7 - VIBRATION PER MIL-PRF-8805, GRADE I
 - 8 - MINIMUM MECHANICAL LIFE: 100,000 CYCLES
 - 9 - MINIMUM ELECTRICAL LIFE: 25,000 CYCLES AT RATED LOAD
 - 10 - INITIAL OPERATION OF THE SWITCH WILL OCCUR WITHIN THE PRETRAVEL SPECIFICATION AND RELEASE PER THE CLICK DISTANCE SPECIFICATION. CLICK DISTANCE IS THE DISTANCE THE PLUNGER RETURNS FROM THE DOWNWARD STROKE TO THE POINT OF CIRCUIT TRANSFER
 - 11 - INSTALLATION OF THE SWITCH SHOULD DEPRESS THE PLUNGER A MINIMUM OF THE SUM OF THE PRETRAVEL AND THE CLICK DISTANCE. IF THE PLUNGER TRAVEL IS LESS THEN THIS SUM, THE CLICK DISTANCE WILL BE EQUAL TO THE PLUNGER TRAVEL MINUS THE PRETRAVEL
 - 12 - THE SWITCH WILL SELF ADJUST TO THE PROPER RELATIONSHIP WITH THE ACTUATOR UPON COMPLETION OF THE FIRST CYCLE. THIS RELATIONSHIP WILL REMAIN CONSTANT UNTIL THE ACTUATOR HAS A GROSS CHANGE IN DISPLACEMENT. THE SWITCH MAY THEN BE REINSTALLED TO THE NEW OR OLD ACTUATOR DISPLACEMENT AND ONCE AGAIN IT WILL SELF ADJUST TO THE PROPER RELATIONSHIP
- ⑬ WALDES KOHINOOR SERIES 5131-62H OR EQUIVALENT

CATALOG LISTING
HS-1031
PAGE 1 OF 1
REPLACES
RELEASE NO. 201372
CHECK
201372
ISSUE
M
3
REVISIONS
A 203377
CSL 27 JUN 01
B 0002473
CSL 16 DEC 03
CHECK
29 SEP 00
SAV
CHECK
29 SEP 00
DRAWN
CSL
RASTER

ANSI Y14.5M-1982 APPLIES

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

CHARACTERISTICS		ELECTRICAL DATA		THIRD ANGLE PROJECTION
OPERATING FORCE	5-30 LBS	CONTACT ARRANGEMENT		SCALE 2:1
ACTUATION FORCE	30 LBS MAX	2 X SPDT		
RELEASE FORCE	4 LB MIN	28 VDC		DO NOT SCALE PRINT
PRETRAVEL	.040 MAX	LOAD (AMPS)	SEA LEVEL	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
CLICK DISTANCE	.300 MIN	RESISTIVE	50,000 FT	ONE PLACE (.0) ±.030
TOTAL TRAVEL	.500 MIN	INDUCTIVE		TWO PLACE (.00) ±.015
				THREE PLACE (.000) ±.005
				ANGLES ±
				WEIGHT