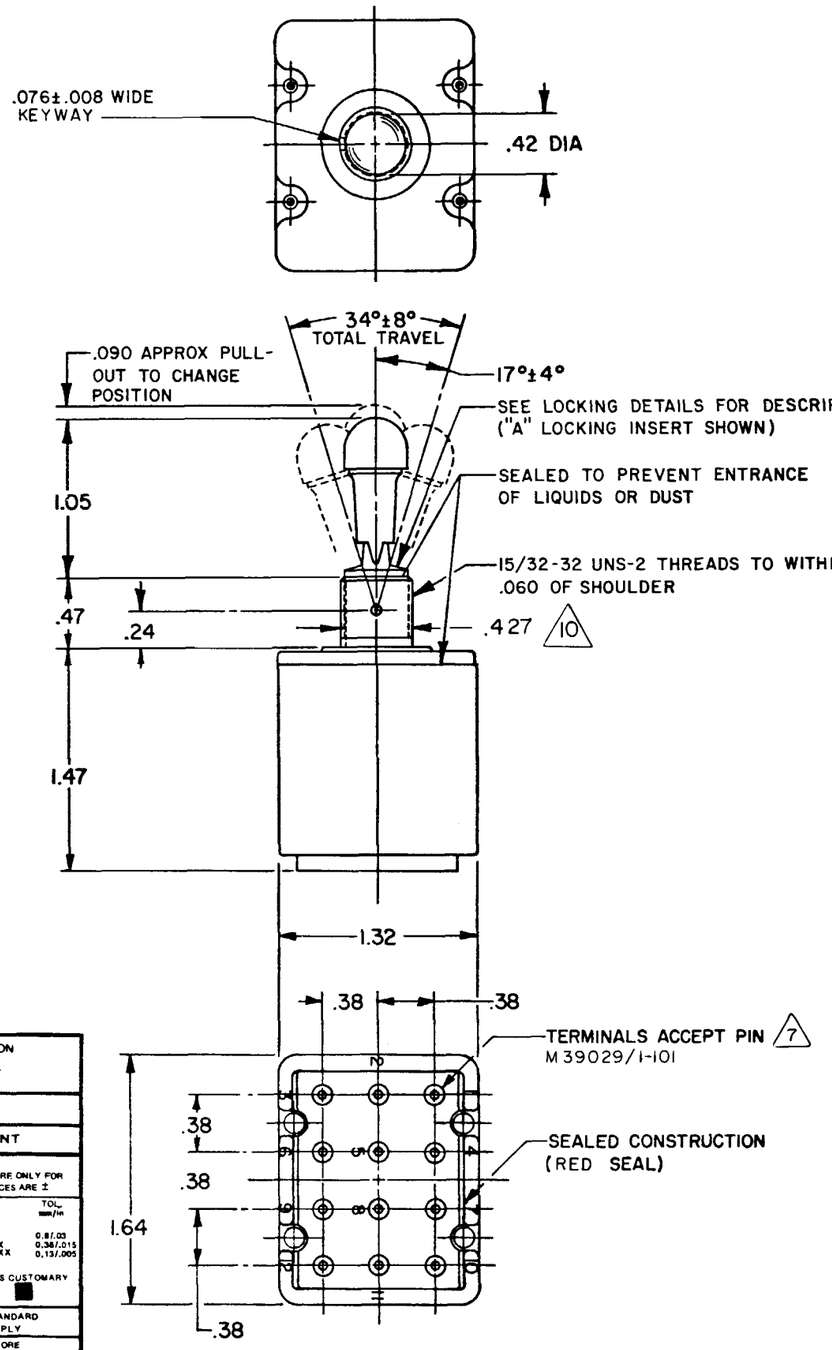
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

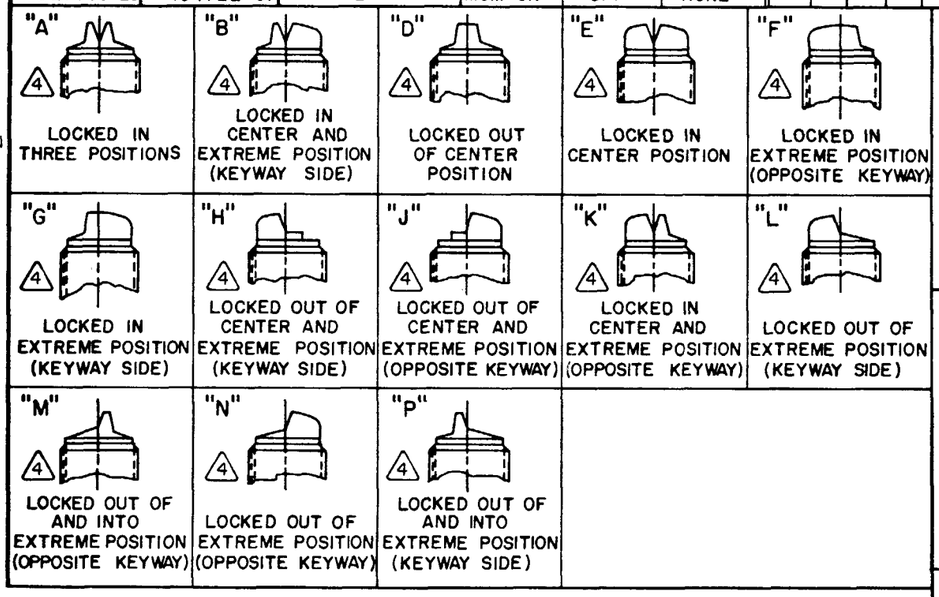
SWITCH—TOGGLE

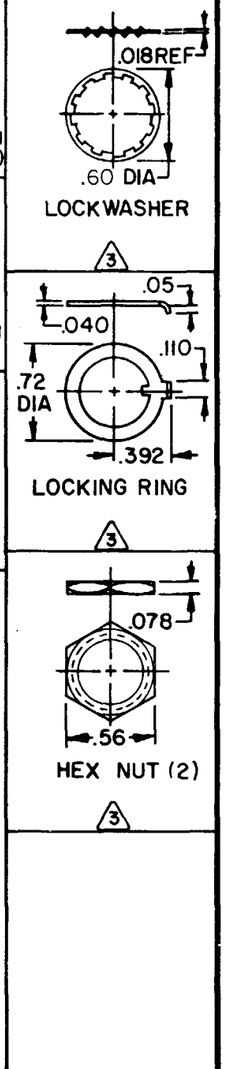
CATALOG LISTING
104TL2 SERIES
CHART 2

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.



MILITARY STANDARD NUMBER (5)	CATALOG LISTING (5)	AVAILABLE LOCKING COMBINATIONS FOR CONFIGURATION SEE LETTERED DETAILS	CIRCUIT MADE (6) WITH TOGGLE LEVER IN: KEYWAY SIDE (1-2, 4-5, 7-8, 10-11)	CENTER (1-2, 4-5, 7-8, 10-11)	OPPOSITE KEYWAY (2-3, 5-6, 8-9, 11-12)	CURRENT CAPACITY (AMPS): RESISTIVE LOAD DC VOLTS 30	115	250	RESISTIVE LOAD AC VOLTS 115	230	LAMP LOAD 30 VDC	LAMP LOAD 115 VAC	INDUCTIVE LOAD 30 VDC	INDUCTIVE LOAD 115 VAC
MS27789-21	★104TL2-1	A,B,D,E,F,G,H,J,K,L,M,N,P	ON	OFF	ON									
MS27789-22	104TL2-2	D, F, G	OFF	NONE	ON									
MS27789-23	★104TL2-3	D,F,G	ON	NONE	ON	7.5	.75	.5	7.5	6	5	4	7.5	7.5
MS27789-24	104TL2-21	E,F,K,M	NONE	OFF	ON									
MS27789-33	104TL2-31	E,F,K,M	NONE	ON	ON									
MS27789-29	104TL2-4	F	MOM OFF	NONE	ON									
MS27789-31	104TL2-5	E,F,K,L,M,N	MOM ON	OFF	ON									
MS27789-30	104TL2-6	F	MOM ON	NONE	OFF									
MS27789-27	104TL2-7	E,L,N	MOM ON	OFF	MOM ON	7.5	.75	.5	7.5	6	4	2	7.5	7.5
MS27789-26	104TL2-8	F	MOM ON	NONE	ON									
MS27789-32	104TL2-51	E	NONE	ON	MOM ON									
MS27789-28	104TL2-61	E	MOM ON	OFF	NONE									





NOTES
1 - SWITCHES ARE CAPABLE OF WITHSTANDING A TEMPERATURE OF 160°F CONTINUOUSLY AT FULL RATED LOAD
2 - CIRCUIT DESIGNATION, MICRO SWITCH CATALOG LISTING AND "MS" NUMBER STAMPED ON SIDE OF SWITCH
(3) FURNISHED UNASSEMBLED
(4) KEYWAY SHOWN ON LEFT SIDE
(5) SUFFIX LETTER MUST BE ADDED FOR DESIRED TYPE OF TOGGLE LOCKING. SEE CHART FOR AVAILABLE LOCKING COMBINATIONS
(6) APPLIES ONLY TO "ON" AND "MOMENTARY ON" POSITIONS
(7) THE SEALING GROMMET SHALL SEAL ON A SMOOTH WIRE INSULATION OF .040 TO .083 DIAMETERS (16-20 GAGE)
8 - UNUSED TERMINAL HOLES MAY BE SEALED WITH PLUGS M83723-28-20
9 - THE SWITCHES ARE QUALIFIED UNDER MIL-DTL-3950
(10) FROM BOTTOM OF KEYWAY TO MAJOR DIA. OF 15/32 THREAD

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACE	X,X	0.4/.016	X.X	0.8/.03
TWO PLACES	X,XX	0.15/.005	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS: SI METRIC ☐ US CUSTOMARY ■

RAW MATERIAL—COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

WEIGHT

104TL2 SERIES CHART 2
PAGE 1 OF 1
RELEASE NO. PR-6855
DRAWING NUMBER M 9010
ISSUE
CHECK
REPLACES

REVISIONS

A	PR-6855	J A P 19 DEC 77	11AUG10
B	CO 49144	R J H 22 APR 81	CMH
C	CO-50496	KAG 16 NOV 81	CHECK
D	CO56074	G J W 26 NOV 84	26 DEC 77
E	CO57478	T A D 12 JUL 85	<LH
F	204911	GRT 19 FEB 02	CHECK
G	0068138	KNR 11AUG10	77 DEC 19

DRAWN J A P
RASTER FO-52850