



V7-1S17D8



Actual product appearance may vary.

V7 Series Miniature Basic Switch, Single Pole Double Throw Circuitry, 100 mA at 125 Vac, Pin Plunger Actuator, 1,47 N [5.3 oz] Maximum Operating Force, Gold Contacts, Quick Connect Termination, CSA, UL

V7 Series Features

- World-wide package size acceptance
- Current rating ranges from 0.1 A to 25 A
- Wiping contact action
- Temperature range to 177 °C [350 ° F]
- Long mechanical life
- Elongated mounting holes for easier, more accurate mounting
- UL/CSA recognized, ENEC (European) approval available
- Choice of actuation, termination and operating characteristics

Potential Applications

- Appliances
- Vending machines
- Timing devices
- Office equipment
- Computer/business equipment
- Test instruments
- Medical/dental equipment
- Communications equipment
- HVAC equipment
- Manually operated devices
- Valves
- Gaming equipment
- Pressure switches

Description

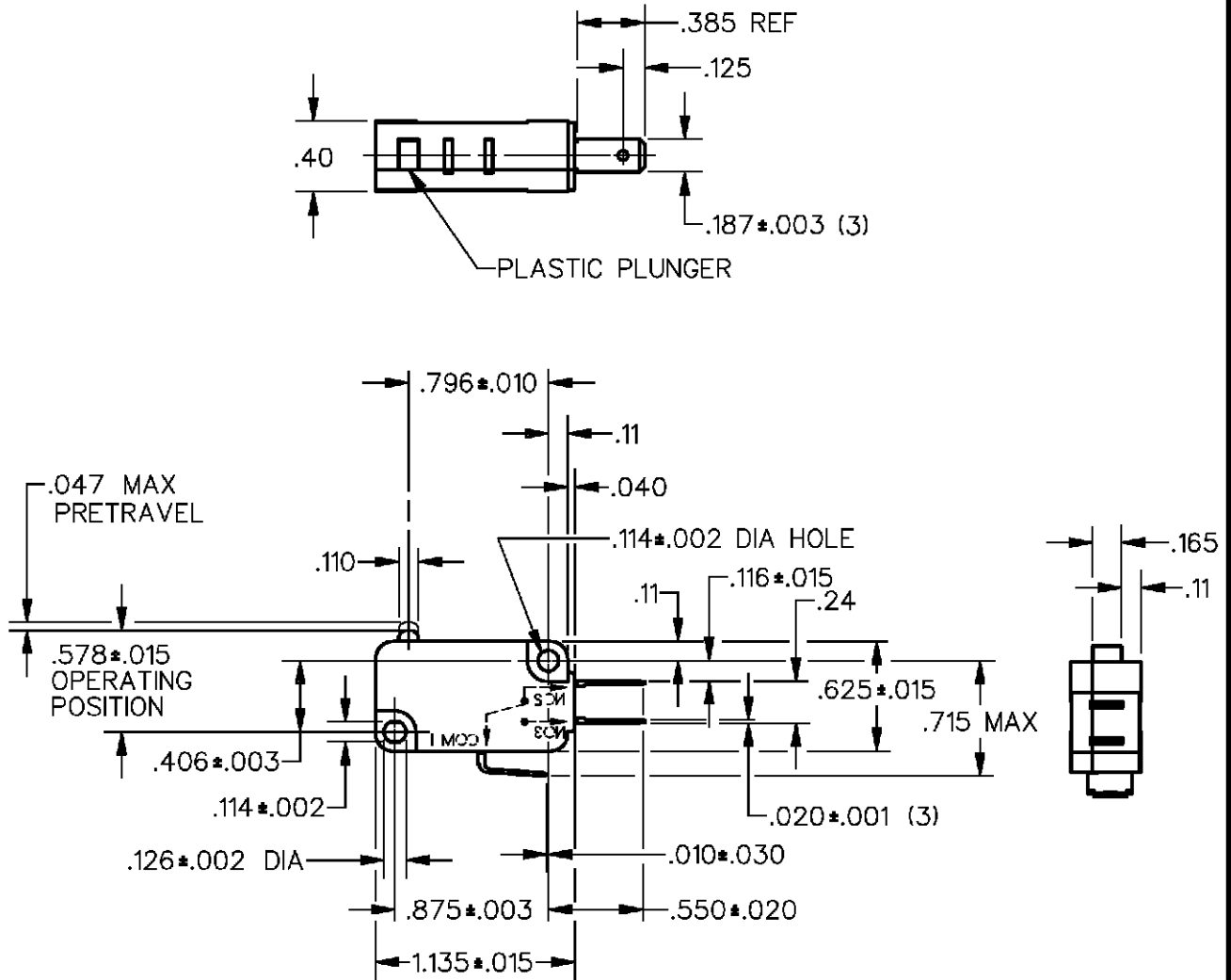
MICRO SWITCH™ V5 and V7 Series basic switches are used for simple or precision on/off, end of limit, presence/absence, pressure, temperature and manual operator interface application needs.

Product Specifications	
Switch Type	MICRO SWITCH™ Miniature 15,9 mm H x 10,2 mm W x 28,8 mm L [0.63 in H x 0.4 in W x 1.14 in L]
Sealed	No
Ampere Rating	0.1 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Pin Plunger
Termination	Quick Connect
Operating Temperature Range	-40 °C to 82 °C [-40 °F to 180 °F]
Voltage	125 Vac
Approvals	CSA,UL,ENEC
Contact Type	Gold
Operating Force (O.F.)	1,47 N [5.3 oz] max.

Release Force (R.F.)	0,24 N [0.88 oz] min.
Pretravel (P.T.)	1,19 mm [0.748 in] [0.047 in] max.
Overtravel (O.T.)	1,27 mm [0.050 in] min.
Differential Travel (D.T.)	0,05 mm - 0,25 mm [0.002 in - 0.010 in]
Housing Material	PCT PolyesterThermoplastic
High Temperature	85 °C [185 °F]
UL File #	E12252
CSA File #	LR41370
Agency Approvals and Standards	1054
Mounting Centers	22,2 mm [0.88 in]
Maximum Tightening Torque	0,56 N m [5.0 in lb]
Weight	8 g [0.3 oz]
Package Height	16 mm [0.63 in]
Package Width	10,2 mm [0.40 in]
Package Length	27,7 mm [1.09 in]
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Series Name	V7

CATALOG LISTING
V7-1S17D8
PAGE 1 OF 1
REPLACES
RELEASE NO. PR-17794
CHECK
ISSUE
M
7

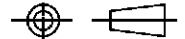
REVISIONS	
A	CO-68464 26 SEP 90 BAB
B	CO-74431 26 FEB 93 JWB
C	CO-77116 31 MAR 94 DCS
D	CO-082776 5 APR 96 J A F
E	CO-092478 21 APR 98 T S M
F	CO-93311 21 OCT 98 TSM




NOTES
1 - IN INSPECTION, DO NOT BURN OUT - GOLD CONTACTS
2 - IN INSPECTION, DO NOT EXCEED 10 VDC, .1A RESISTIVE LOAD

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THIRD ANGLE PROJECTION



CHARACTERISTICS	ELECTRICAL DATA	SCALE FULL	DO NOT SCALE PRINT
OPERATING FORCE - - - 150 GRAMS MAX	CONTACT ARRANGEMENT S P D T	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
RELEASE FORCE - - - - 25 GRAMS MIN		ONE PLACE (.0) ± .030	± .030
DIFFERENTIAL TRAVEL - - - .002-.010	0.1A 125 VAC	TWO PLACE (.00) ± .015	± .015
OVERTRAVEL - - - - - .050 MIN		THREE PLACE (.000) ± .005	± .005
RELEASE TRAVEL - - - - - .010 MIN		ANGLES	±
FREE POSITION - - - - - .625 MAX	L142 	WEIGHT	

FORMTEK
DRAWN
WJM 20 FEB 90
CHECK
DAW 23 FEB 90