



V7-1C17D8



Actual product appearance may vary.

V7 Series Miniature Basic Switch, Single Pole Double Throw Circuitry, 15.10 A at 250 Vac, Pin Plunger Actuator, 1,47 N [5.3 oz] Maximum Operating Force, Silver 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

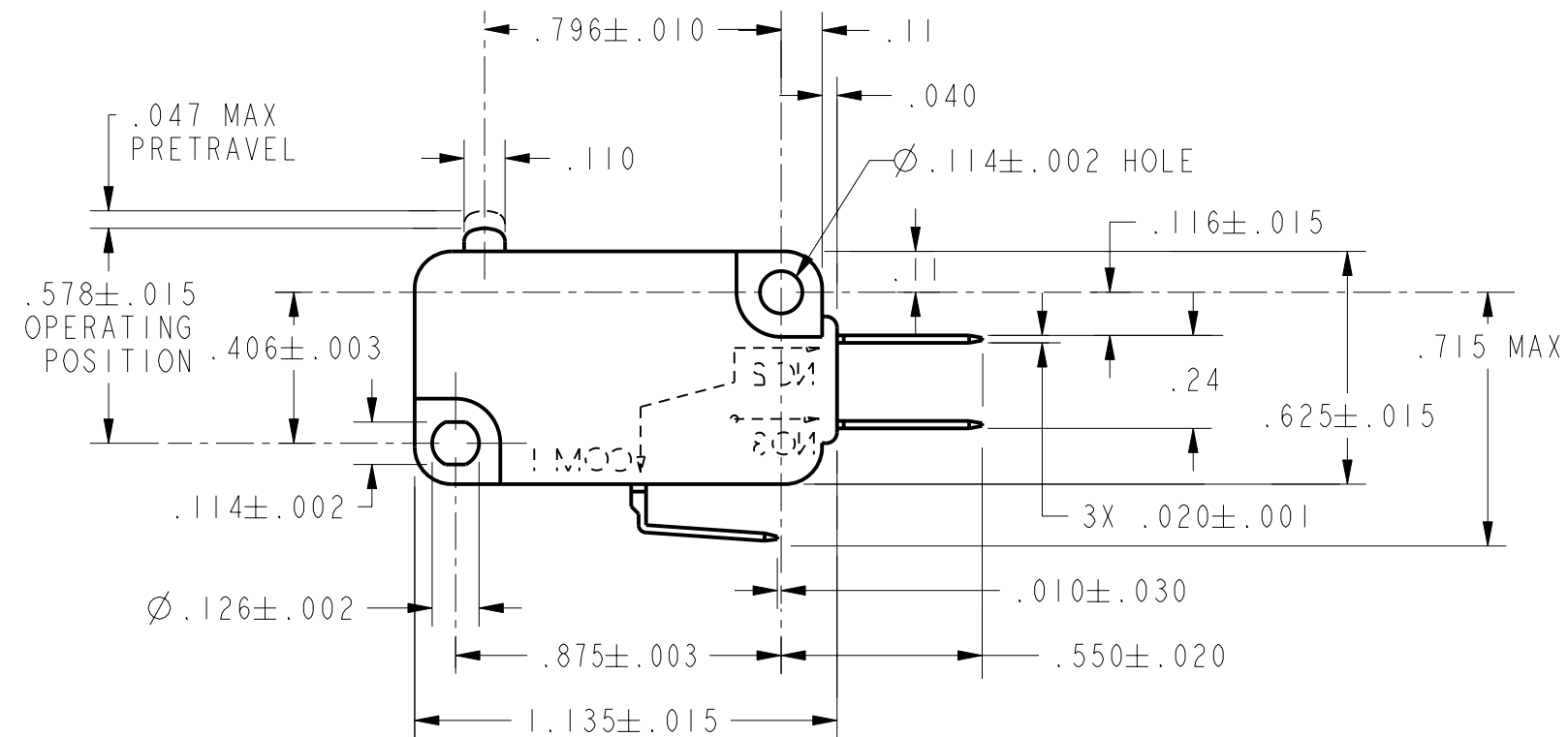
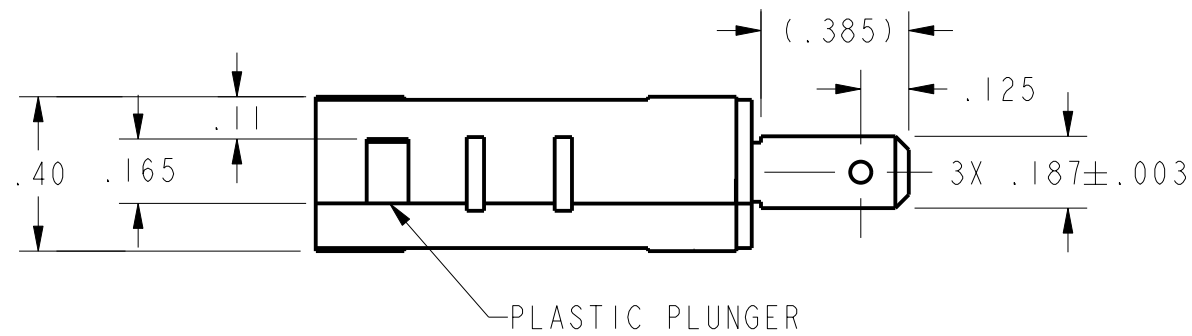
Description

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	15 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	250 Vac
Approvals	CSA, UL
Contact Type	Silver
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

REV	DOCUMENT	CHANGED BY	CHECK
4	207141	TSM IOJAN03	SAV



CHARACTERISTICS		ELECTRICAL DATA		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		TSM		IOJAN03		Honeywell	
OPERATING FORCE ----150 GRAMS MAX		CONTACT ARRANGEMENT S P D T		<input checked="" type="checkbox"/> US (inch) CUSTOMARY <input type="checkbox"/> SI (mm) METRIC NO PLACE X ±.040 ±1 ONE PLACE .X ±.030 ±0,4 TWO PLACE .XX ±.015 ±0,15 THREE PLACE .XXX ±.005 ± ANGLES ± ± RAW MATERIAL-COMMERCIAL STANDARD		CHECK		SAV		IOJAN03			
RELEASE FORCE ----- 25 GRAMS MIN		L215		THIRD ANGLE PROJECTION		THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.		DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED		TITLE		SWITCH, BASIC	
DIFFERENTIAL TRAVEL ---- .002-.010		15.1A 1/2HP 125, 250 OR 277 VAC								SIZE	DWG TYPE		
OVERTRAVEL ----- .050 MIN		1/2A 125 VDC				B	I	V7-1C17D8	4				
FREE POSITION----- .625 MAX		1/4A 250 VDC; 5A 120 VAC "L"		SCALE		2:1		WEIGHT		SHEET		1 OF 1	
RELEASE TRAVEL----- .010 MIN													