



V7-5F17D8-336



Actual product appearance may vary.

V7 Series Miniature Basic Switch, Single Pole Double Throw Circuitry, 3 A at 250 Vac, Paddle Lever Actuator, 0,02 N [0.1 oz] Maximum Operating Force, Silver Contacts, Quick Connect Termination

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	3 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Paddle Lever
Termination	Quick Connect
Operating Temperature Range	-40 °C to 82 °C [-40 °F to 180 °F]
Voltage	250 Vac
Approvals	CSA,UL
Actuator Length	64,8 mm [2.55 in]
Contact Type	Silver

Operating Force (O.F.)	0,02 N [0.1 oz] max.
Pretravel (P.T.)	11,9 mm [0.470 in] max.
Overtravel (O.T.)	7,62 mm [0.300 in] min.
Differential Travel (D.T.)	2,54 mm [0.100] max.
Operating Position (O.P.)	15,2 ± 3,81 mm [0.600 ± 0.150 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

X88590-V7

MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

SWITCH - BASIC

CATALOG LISTING

V7-5F17D8-336

CW-C5007

V7-5F17D8-336

CATALOG LISTING

PAGE 1 OF 1

REPLACES

RELEASE NO. PR-17737

M

ISSUE **3**

CHECK

REVISIONS

A CO-94018

GRT

27 SEP 99

CHECK

27SEP99

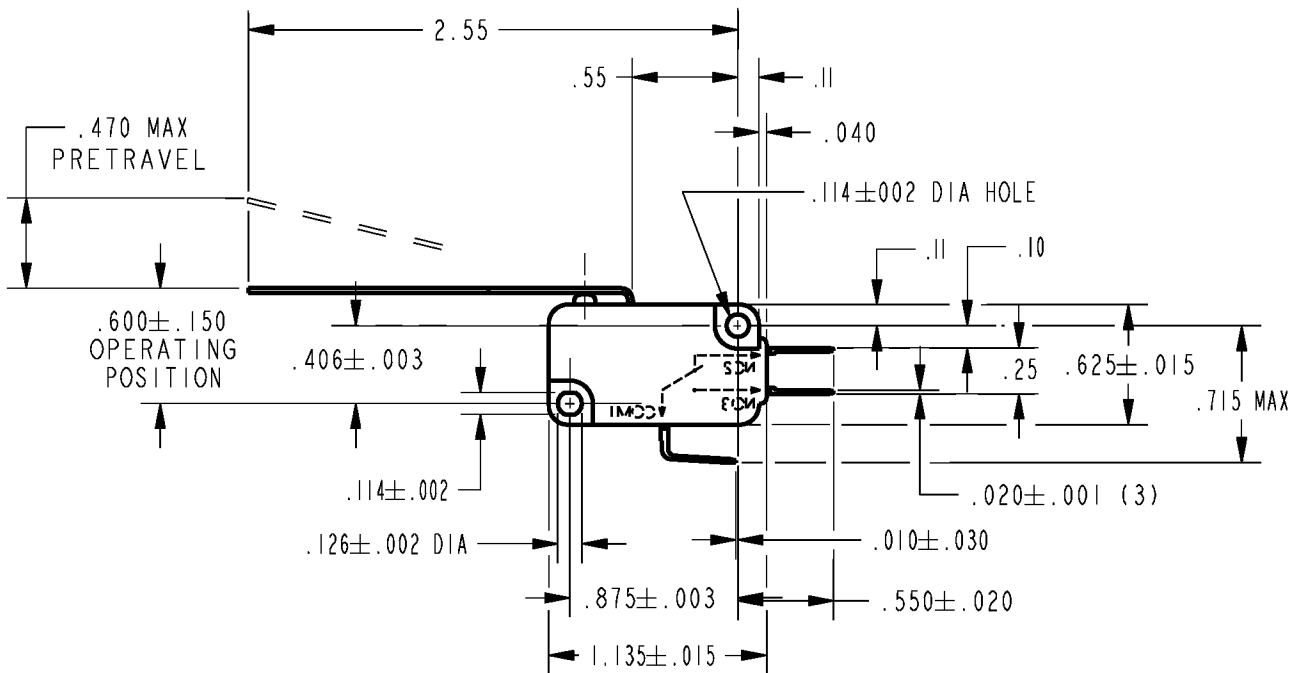
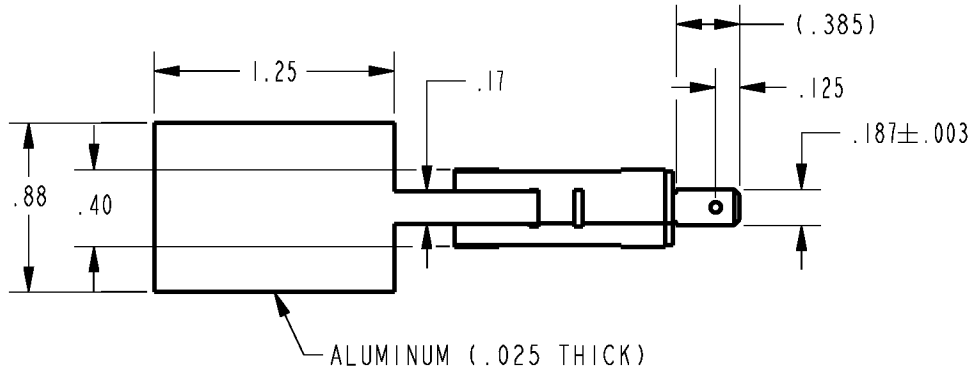
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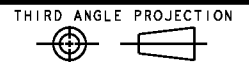


NOTES

- 1 ALL CHARACTERISTICS TAKEN WITH SWITCH MOUNTING SURFACE HORIZONTAL
- 2 - THE MASS OF THE LEVER MAY PREVENT PLUNGER FROM RETURNING THE LEVER TO FREE POSITION
- 3 - CAUTION: OVERTRAVEL FORCE ON LEVER MUST NOT RESULT IN AN OVERTRAVEL FORCE ON PLUNGER EXCEEDING ONE OUNCE

~~ANSI Y14.5M 1982 APPLIES~~

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CHARACTERISTICS

ELECTRICAL DATA

SCALE FULL DO NOT SCALE PRINT

OPERATING FORCE — — 2.3 GRAM MAX
DIFFERENTIAL TRAVEL — — .100 MAX
OVERTRAVEL — — — .300 MIN
RELEASE TRAVEL — — — .056 MIN

CONTACT ARRANGEMENT
S P D T

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

3A 125, 250, 277 VAC LI63
1/10HP 250 VAC

ONE PLACE (.0) ± .030
TWO PLACE (.00) ± .015
THREE PLACE (.000) ± .005



ANGLES ±

WEIGHT

PTC/CAD 2D