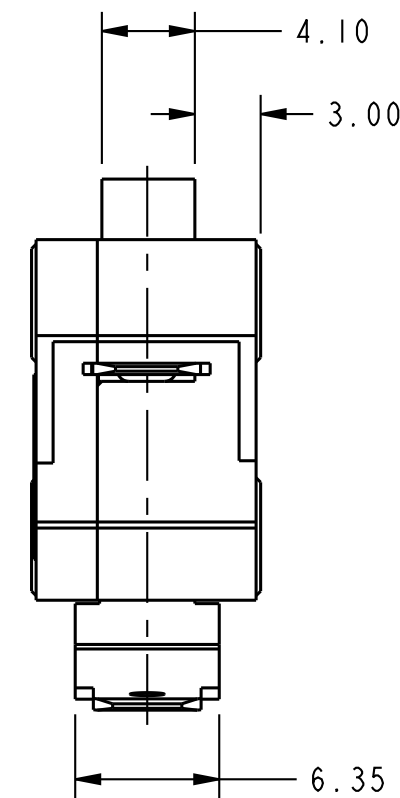
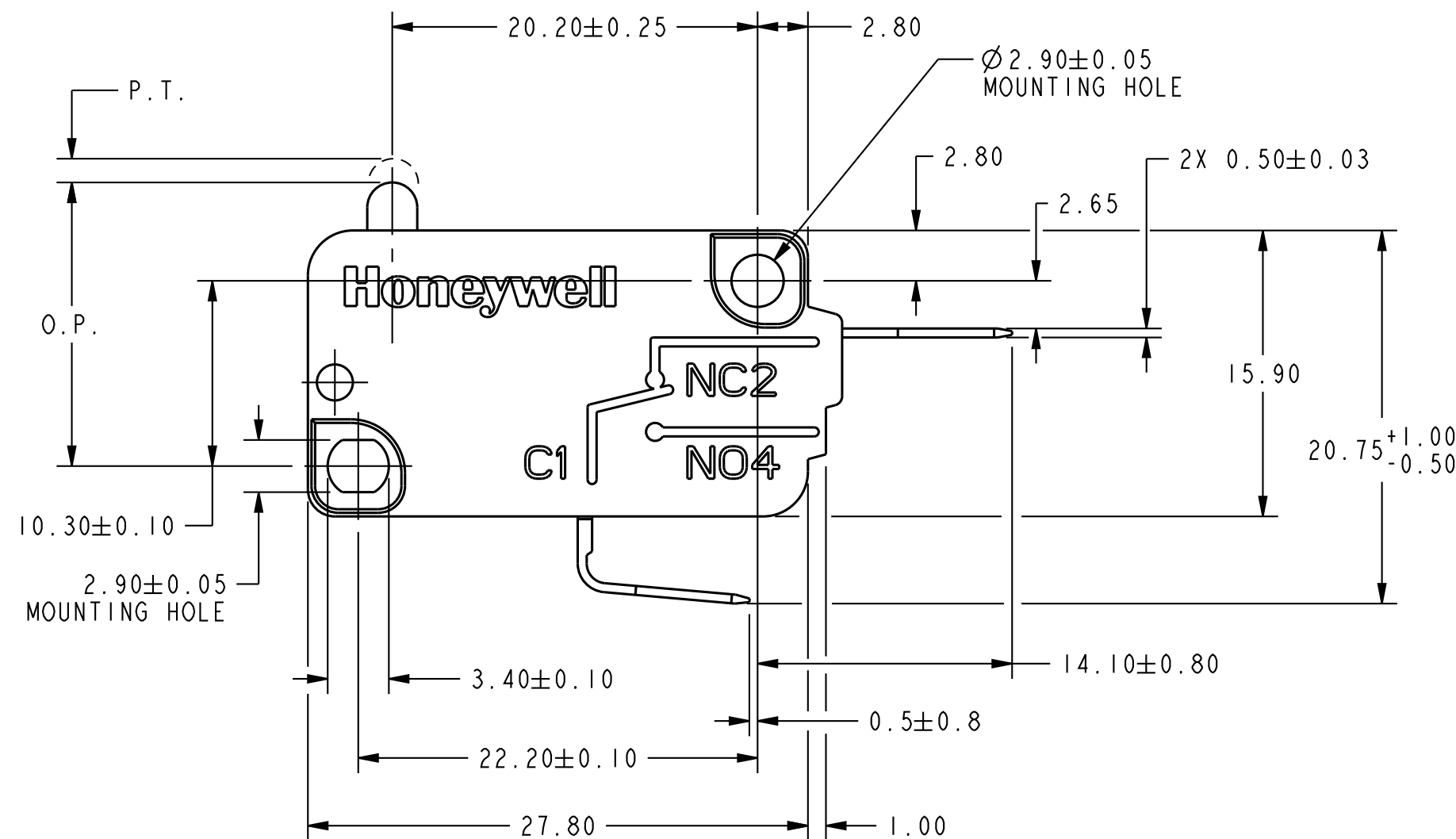
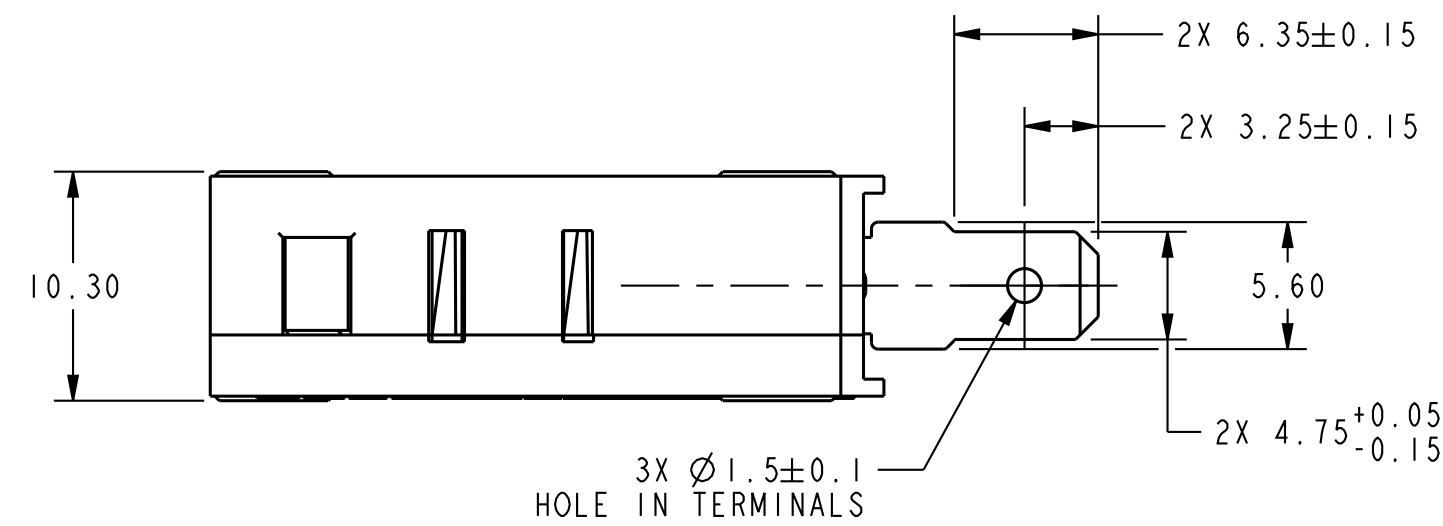


PART NUMBER
VI5S05-EC015-K801

REVISION HISTORY					
REV	DOCUMENT	DESCRIPTION	CHGD BY	DATE	APPROVED
B	0105306	REDRAWN WITH CHANGE	DJS	2013-12-31	W. RUFUS



SPECIFICATION	
OPERATING TEMPERATURE	-25°C~85°C
OPERATING HUMIDITY	MAX 96% R.H. @40°C
STORAGE CONDITIONS	-10°C~40°C, MAX 85% R.H.
VIBRATION RESISTANCE (PER IEC 60068-2-6)	10~55Hz, DISPLACEMENT 1.5mm (PEAK-PEAK) NO CONTACT SEPARATION > 1 MILLISECOND
SHOCK RESISTANCE (PER IEC 60068-2-27)	DESTRUCTION: 500 m/s ² (50g) MAX. SWITCH IS FUNCTIONAL AFTER TEST
	MALFUNCTION: 100 m/s ² (10g) MAX. NO CONTACT SEPARATION > 1 MILLISECOND
SOLDERING BY HAND	≤5Sec @ 350°C MAX.
SOLDERING BATH	≤5Sec @ 260°C MAX.
CONTACT RESISTANCE (INITIAL)	100 mΩ MAX AS MEASURED USING 4-WIRE VOLTAGE DROP METHOD @ 6VDC & 100mA
DIELECTRIC STRENGTH	BETWEEN OPEN CONTACTS 1000 VAC FOR 1 MINUTE, LEAKAGE CURRENT≤10mA
	1500 VAC FOR 1 MINUTE, LEAKAGE CURRENT≤10mA BETWEEN LIVE-PARTS AND GROUND BETWEEN LIVE-PARTS AND DEAD METAL PARTS
INSULATION RESISTANCE	MIN 100 MΩ (500VDC-1 MINUTE)
ELECTRICAL ENDURANCE	UL/cUL: MIN 10,000 CYCLES @ 30 CYCLES/MINUTE MAX.
	ENEC/CQC: MIN 50,000 CYCLES @ 30 CYCLES/MINUTE MAX.
MECHANICAL ENDURANCE	MIN 1,000,000 CYCLES @ 60 CYCLES/MINUTE MAX.
CONTACT MATERIAL	SILVER
TERMINAL FINISH	TREATED FOR CORROSION PROTECTION

NOTES:

- 1 - MOUNTING HOLES WILL ACCEPT Ø2.85 MAX. PINS OR SCREWS.
- 2 - TERMINALS WILL ACCEPT 4.8mm WIDE QUICK CONNECT RECEPTACLES AND COMPLY WITH EN61058-1 REQUIREMENTS
- 3 - NON STANDARD DIFFERENTIAL TRAVEL

CHARACTERISTICS	ELECTRICAL DATA		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION	Honeywell				
OPERATING FORCE----- 15gf MAX.	CONTACT ARRANGEMENT S P N C		DECIMAL TOL NO PLACE --- 1 PLACE --- 2 PLACE --- ±0.40 3 PLACE ---			TITLE				
DIFFERENTIAL FORCE-----			ANGULAR TOL - ±2° CHAMFER -			SWITCH - BASIC				
RELEASE FORCE----- 3gf MIN.	 	5(2.5)A 125/250VAC 0.1A 125/250VAC 0.1A 48VDC 25T85 μ 5E4	MATERIAL		SIZE A2	CAGE CODE -	DWG NO V15S05-EC015-K801	TYPE I	REV B	
FREE POSITION-----			FINISH		V15S05-EC015-K801					
OPERATING POSITION----- 14.7±0.5MM		5GPA 1/10hp 125/250Vac 0.1GPA 125/250Vac 0.1RA 48Vdc	APPLICABLE DOCUMENTS: ASME Y14.100-2004 ASME Y14.5-2009		SCALE 3:1	REF WT.	SHEET 1 of 1			
PRE-TRAVEL----- 1.6MM MAX.			COMPUTER GENERATED DRAWING: PRO/ENGINEER		RELEASE DATE	2011-07-07	HONEYWELL CONFIDENTIAL THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE, NOR USED FOR MANUFACTURING PURPOSE'S WITHOUT WRITTEN PERMISSION FROM HONEYWELL			
DIFFERENTIAL TRAVEL----- 0.21MM MAX.					DRW: VKR	2011-07-07				
OVERTRAVEL----- 0.8MM MIN.					RDE: -	-				
FULL OVERTRAVEL FORCE-----					QA: -	-				
					CHK: CS	2011-07-07				