





			DIMENSION								
							OPERATING FORCE	PART NUMBER	TYPE		
			A	В	С	D	TORCE				
		on-on	.098 [2.5]	.331 [8.4]	.744 [18.9]		<u>_7</u>	1977740-1 MPS103DPC		ľ	
	MOMENTARY	ON-(ON)	.039 [1]	.315 [8]	.685 [17.4]	.039 [1]	9	1977740-2 MPS103FPC	SPDT	١	
		on-on	.098 [2.5]	.331 [8.4]	.744 [18.9]	.098 [2.5]	8	1977740-3 MPS203NPC	- DPDT -	١	
	MOMENTARY	ON-(ON)	.039 [1]	.315 [8]	.685 [17.4]	.039 [1]	10	1977740-4 MPS203RPC		ľ	
								NOTE: TERMINALS 4,5,6 /			

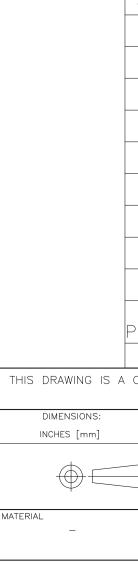
## **SPECIFICATIONS:**

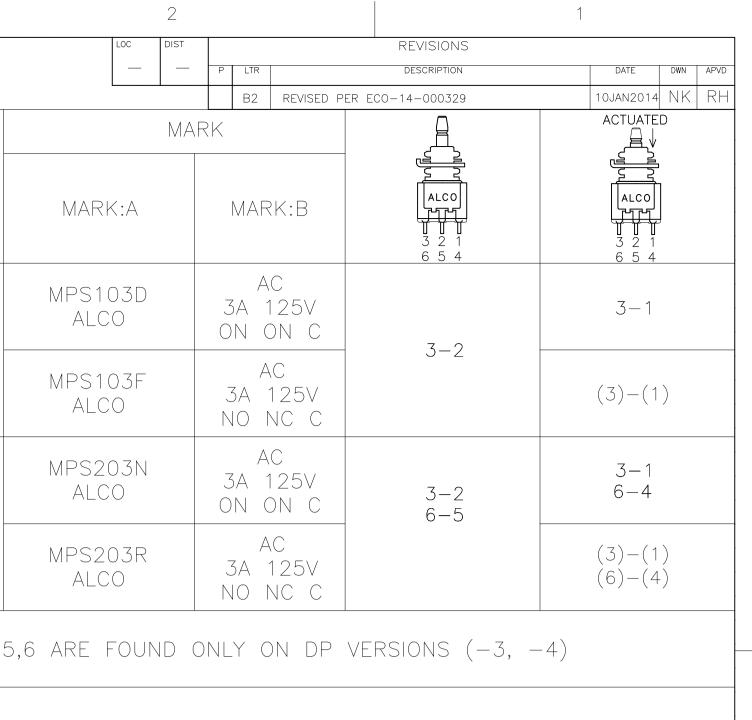
- 1 RATING: 3A 125V AC (RESISTIVE LOAD)
- 2 INITIAL CONTACT RESISTANCE:  $10m\Omega$  MAX. AT 1A 2~4V DC.

- 5 DURABILITY: 25,000 CYCLES
- 6 LEAKAGE CURRENT: 500µA MAX.AT RATING VOLTAGE FOR 5 SECONDS. AFTER ELECTRICAL ENDURANCE (BETWEEN TERMINALS AND TERMINAL-GROUND)

OPERATING FORCE:

- $\sqrt{7}$  3.92±1.96N.(400±200gf)
- $\wedge$
- <u>9</u> 2.94±0.98N.(300±100gf)
- 4.9<sup>+1.96</sup><sub>-0.98</sub>N.(500<sup>+200</sup><sub>-100</sub>gf)
- 11 OPERATING TEMP:  $-20 \sim +85^{\circ}C$ STORAGE TEMP:  $-40 \sim +85^{\circ}C$
- 13 LASER MARKING USED FOR MARKS.





3 INITIAL INSULATION RESISTANCE: 1,000M $\Omega$  MIN. AT 500V DC.(BETWEEN TERMINALS AND TERMINAL-GROUND) 4 INITIAL DIELECTRIC STRENGTH: 1,000V AC FOR 1 MINUTE.(BETWEEN TERMINALS AND TERMINAL-GROUND)

12 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).

A/R	A/R	BLUE		_				EPOXY			
1	1	ZINC PLATE	CARE	CARBON TOOL STEEL				TOOTH WASHER			
1	1	ZINC PLATE	COLE	COLD ROLLED STEEL				LOCATING RING			
2	2	NICKEL PLATE		BRASS				HEX NUT			
1	1	NICKEL PLATE		BRASS				PLUNGER			
1	1	NICKEL PLATE		BRASS				MOUNTING SLEEVE			
1	1		ST,	STAINLESS STEEL				FRAME			
2	1	SILVER PLATE		BRASS				COMMON TERMINAL			
4	2	SILVER PLATE	SIL	SILVER + BRASS				FIXED CONTACT			
1	1	(BLUE)	E	EPOXY RESIN				CASE			
2 POLES QT	1 POLE Y	FINISH (COLOR)		MATERIALS				PARTS			
CONTROLLED DOCUMENT. DWN 28JAN11 RAGHAVENDRA CHK 28JAN11 EPPLEY NAZ TE Connectivity											
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES	± –	APVD ECIFIED: APVD PRODUCT SPEC 10 [.25] APPLICATION SPEC ±	APVD 28JAN11 EPPLEY NAZ PRODUCT SPEC 		MPS103	3 (S	SERIES PUSHBUTTON SPDT) & MPS203 (DPDT) CB TERMINATOIN RESTRICTED TO				
FINISH	ANOLLO			A1 007	79 <b>C-</b>	-19	77740 —				
		SCALE 4:1 SHEET 0					1 <sup>OF</sup> 1	B2			

В

## **Mouser Electronics**

Authorized Distributor

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TE Connectivity: MPS103FPC