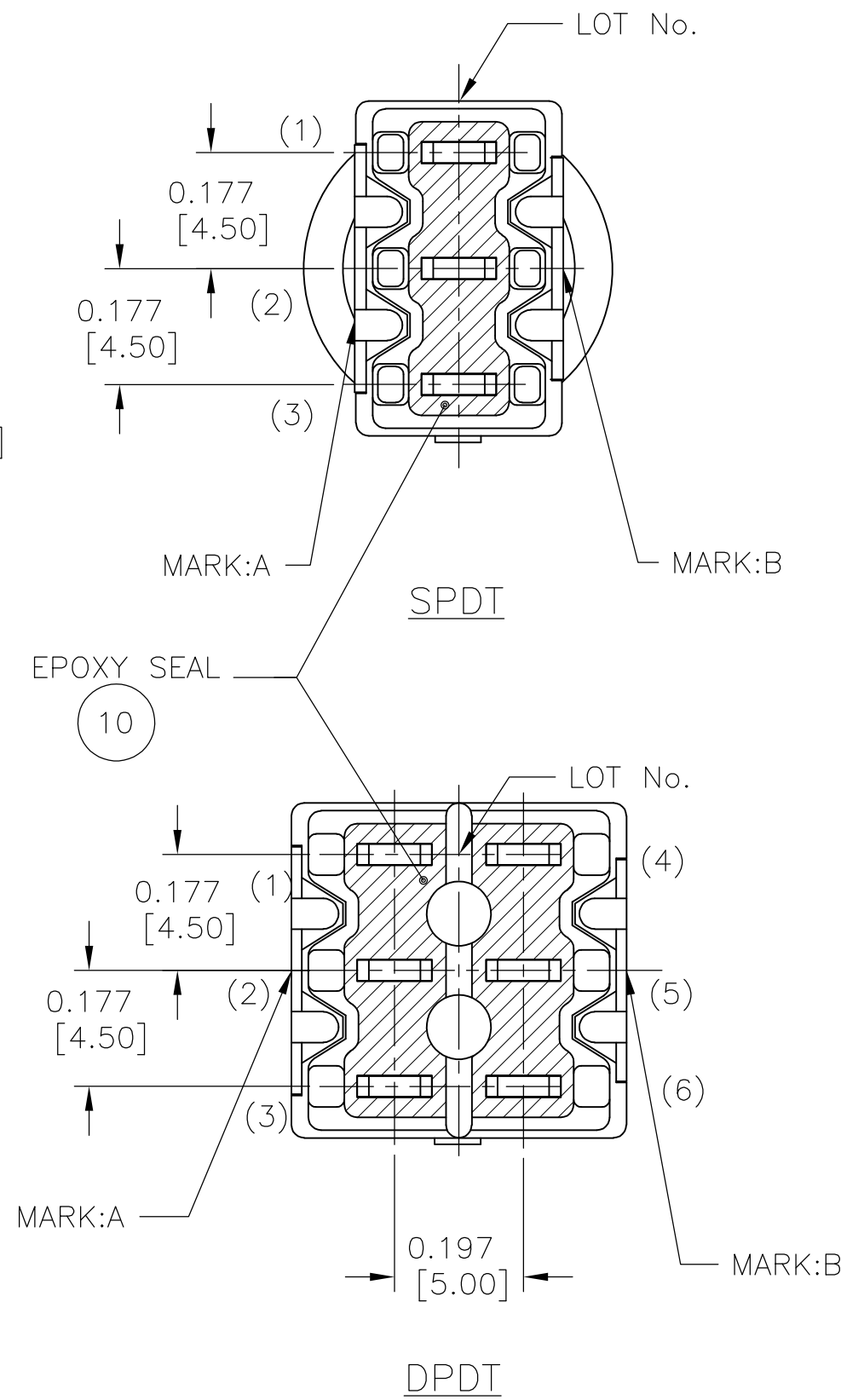
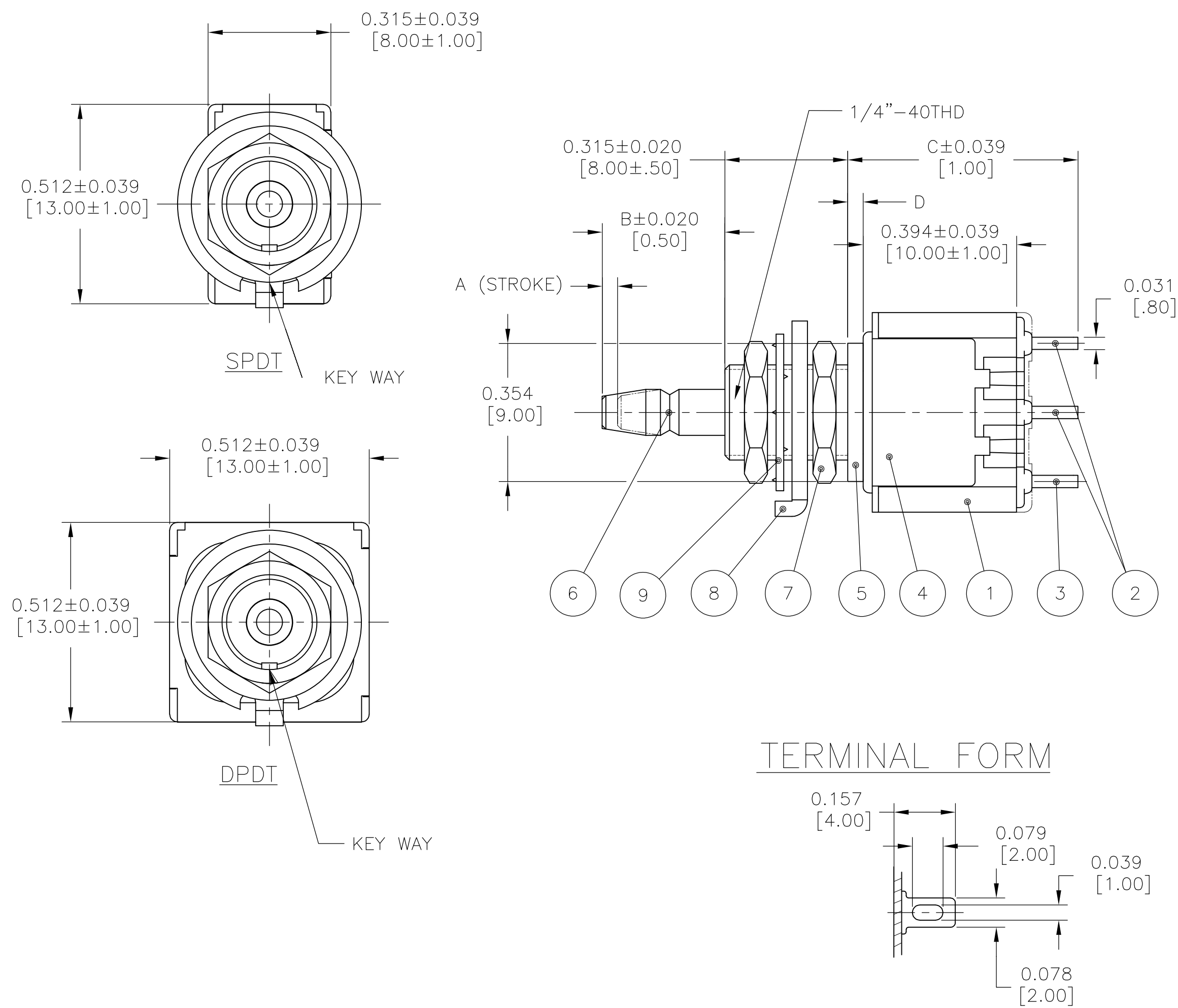


		DIMENSION				OPERATING FORCE	PART NUMBER	TYPE	MARK			
		A	B	C	D				MARK:A	MARK:B		
MOMENTARY	ON—ON	.098 [2.5]	.331 [8.4]	.650 [16.5]	.098 [2.5]		1977739-1 MPS103D	SPDT	MPS103D ALCO	AC 3A 125V ON ON C	3-2	3-1
	ON—(ON)	.039 [1]	.315 [8]	.591 [15]	.039 [1]		1977739-2 MPS103F		MPS103F ALCO	AC 3A 125V NO NC C		(3)-(1)
	ON—ON	.098 [2.5]	.331 [8.4]	.650 [16.5]	.098 [2.5]		1977739-3 MPS203N	DPDT	MPS203N ALCO	AC 3A 125V ON ON C	3-2 6-5	3-1 6-4
MOMENTARY	ON—(ON)	.039 [1]	.315 [8]	.591 [15]	.039 [1]		1977739-4 MPS203R		MPS203R ALCO	AC 3A 125V NO NC C		(3)-(1) (6)-(4)

NOTE: TERMINALS 4,5,6 ARE FOUND ONLY ON DP VERSIONS (-3, -4)

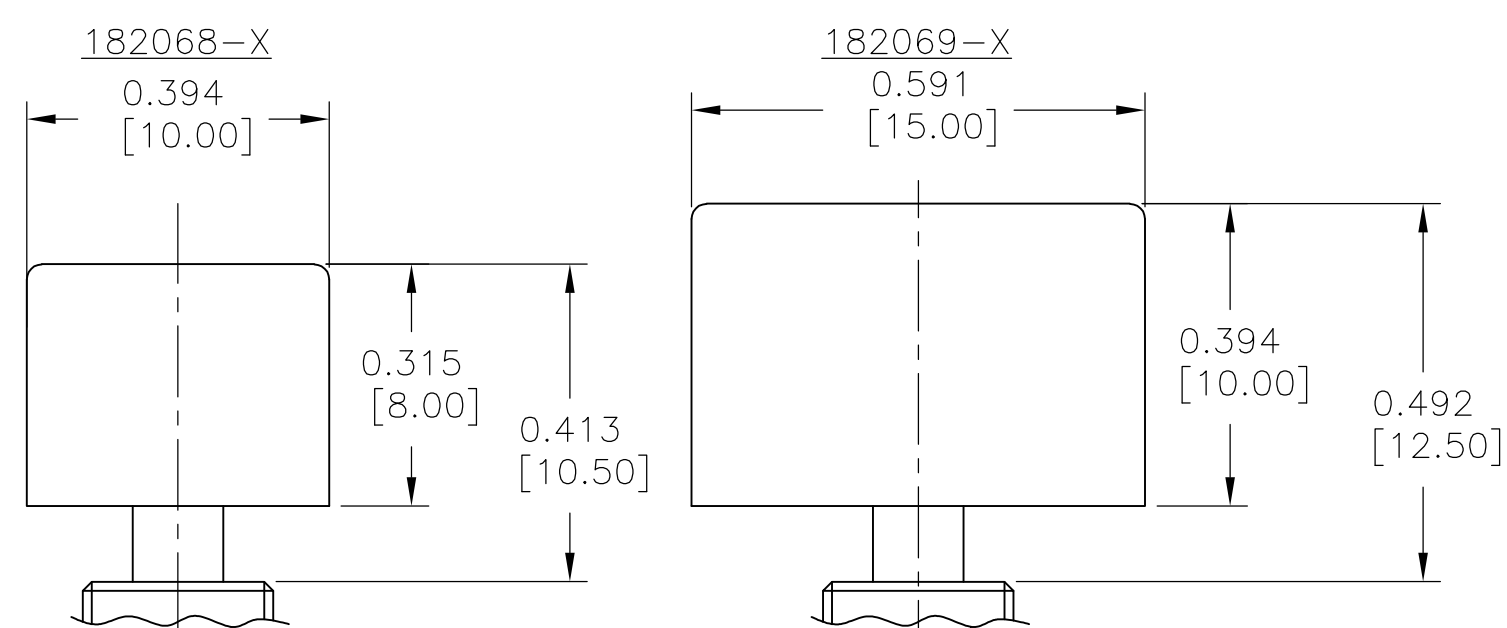


SPECIFICATIONS:

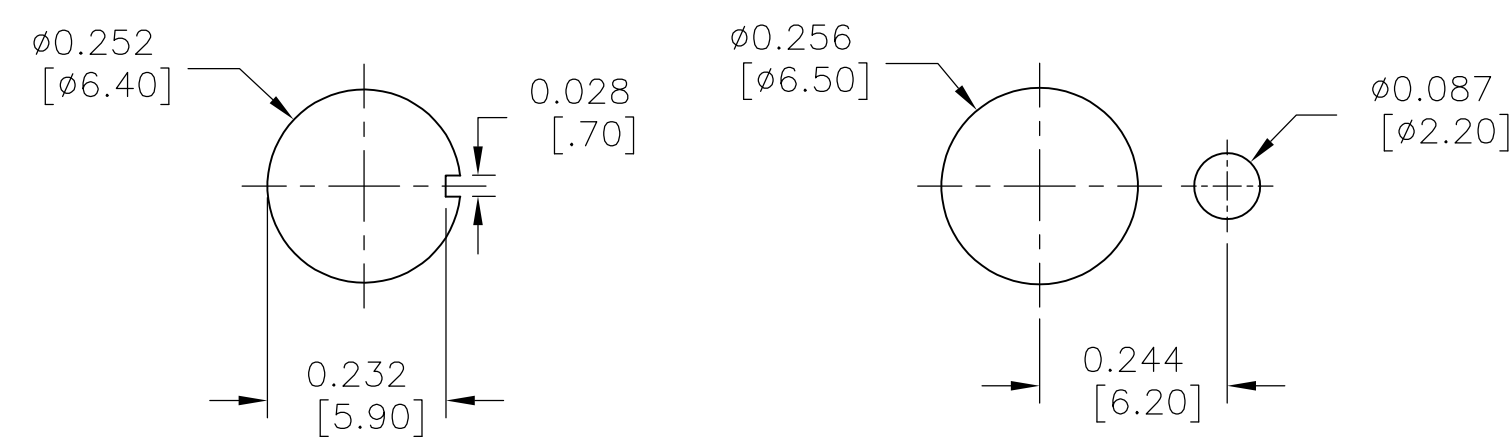
- 1 RATING: 3A 125V AC (RESISTIVE LOAD)
- 2 INITIAL CONTACT RESISTANCE: 10mΩ MAX. AT 1A 2~4V DC.
- 3 INITIAL INSULATION RESISTANCE: 1,000MΩ MIN. AT 500V DC.(BETWEEN TERMINALS AND TERMINAL-GROUND)
- 4 INITIAL DIELECTRIC STRENGTH: 1,000V AC FOR 1 MINUTE.(BETWEEN TERMINALS AND TERMINAL-GROUND)
- 5 DURABILITY: 25,000 CYCLES
- 6 LEAKAGE CURRENT: 500μA MAX. AT RATING VOLTAGE FOR 5 SECONDS.
AFTER ELECTRICAL ENDURANCE (BETWEEN TERMINALS AND TERMINAL-GROUND)

OPERATING FORCE:

- | | |
|---|---|
|  | 3.92±1.96N.(400±200gf) |
|  | 4.9+ ^{2.94} _{-1.96} N.(500+ ³⁰⁰ ₋₂₀₀ gf) |
|  | 2.94±0.98N.(300±100gf) |
|  | 4.9+ ^{1.96} _{-0.98} N.(500+ ²⁰⁰ ₋₁₀₀ gf) |
| 11 | OPERATING TEMP: -20 ~ +85°C
STORAGE TEMP: -40 ~ +85°C |
| 12 | ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS). |
| 13 | LASER MARKING USED FOR MARKS. |



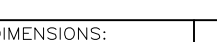
PANEL CUT-OUTS



WITHOUT LOCKING RING
MAXIMUM PANEL THICKNESS:
.118 [3mm]

WITH STANDARD LOCKING RING
MAXIMUM PANEL THICKNESS:
.079 [2mm]

A/R	A/R	BLUE	—	EPOXY	10
1	1	ZINC PLATE	CARBON TOOL STEEL	TOOTH WASHER	9
1	1	ZINC PLATE	COLD ROLLED STEEL	LOCATING RING	8
2	2	NICKEL PLATE	BRASS	HEX NUT	7
1	1	NICKEL PLATE	BRASS	PLUNGER	6
1	1	NICKEL PLATE	BRASS	MOUNTING SLEEVE	5
1	1	—	STAINLESS STEEL	FRAME	4
2	1	SILVER PLATE	BRASS	COMMON TERMINAL	3
4	2	SILVER PLATE	SILVER + BRASS	FIXED CONTACT	2
1	1	(BLUE)	EPOXY RESIN	CASE	1
2 POLES	1 POLE QTY	FINISH (COLOR)	MATERIALS	PARTS	NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 28JAN11 RAGHAVENDRA		 TE Connectivity	
DIMENSIONS: INCHES [mm]		28JAN11 EPPELY NAZ			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		28JAN11 EPPELY NAZ			
		NAME MPS SERIES PUSHBUTTON MPS103 (SPDT) & MPS203 (DPDT) WIRE LUG TERMINATION			
MATERIAL -		FINISH -		SIZE A1	
WEIGHT -		CASE CODE 00779		DRAWING NO C-1977739	
CUSTOMER DRAWING		SCALE 4:1		RESTRICTED TO SHEET 1 OF 1 REV R2	