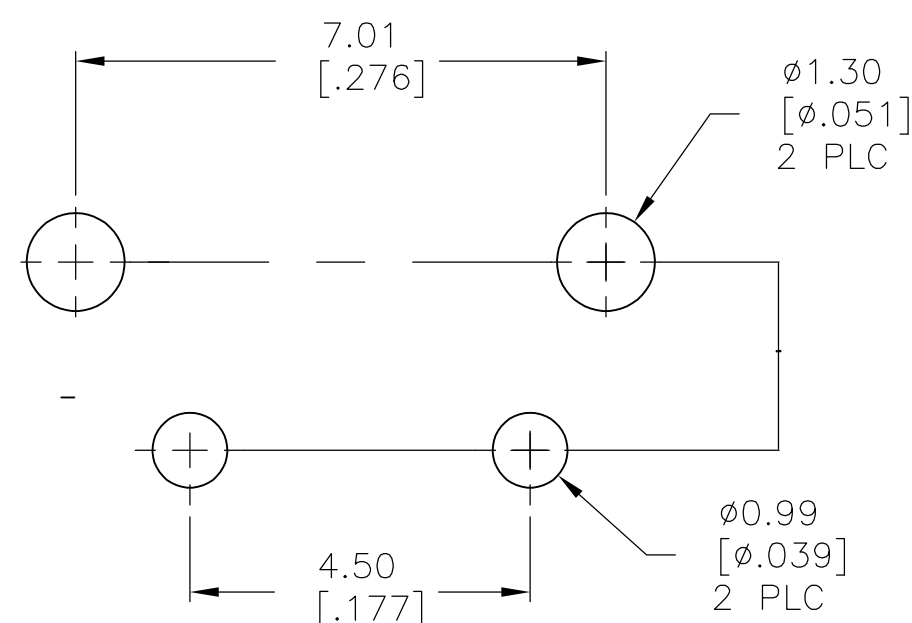
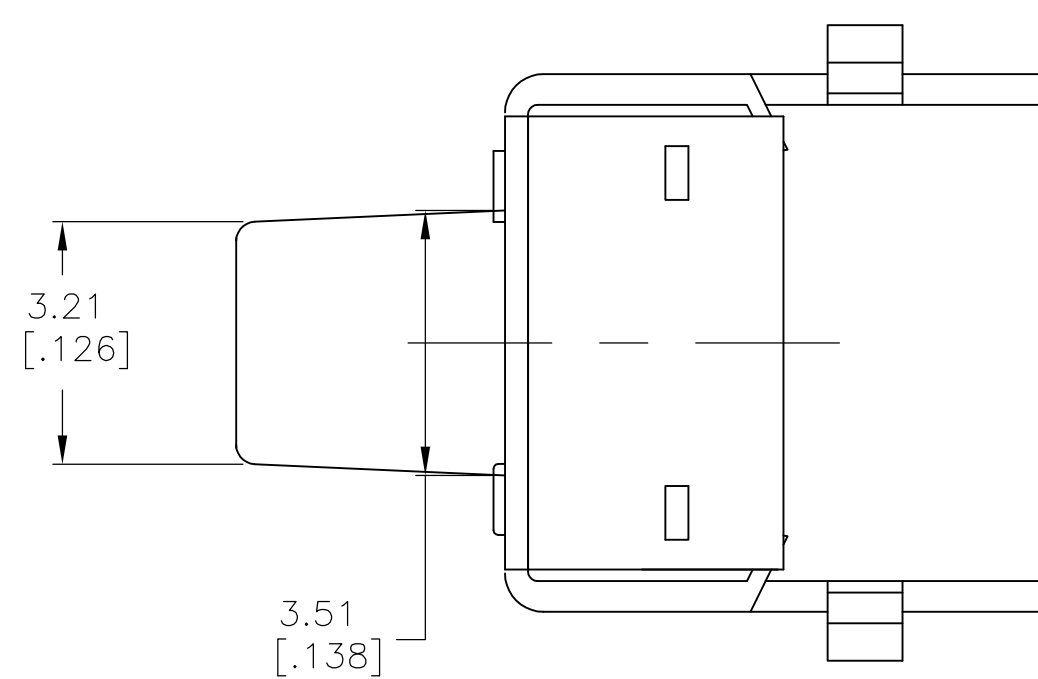
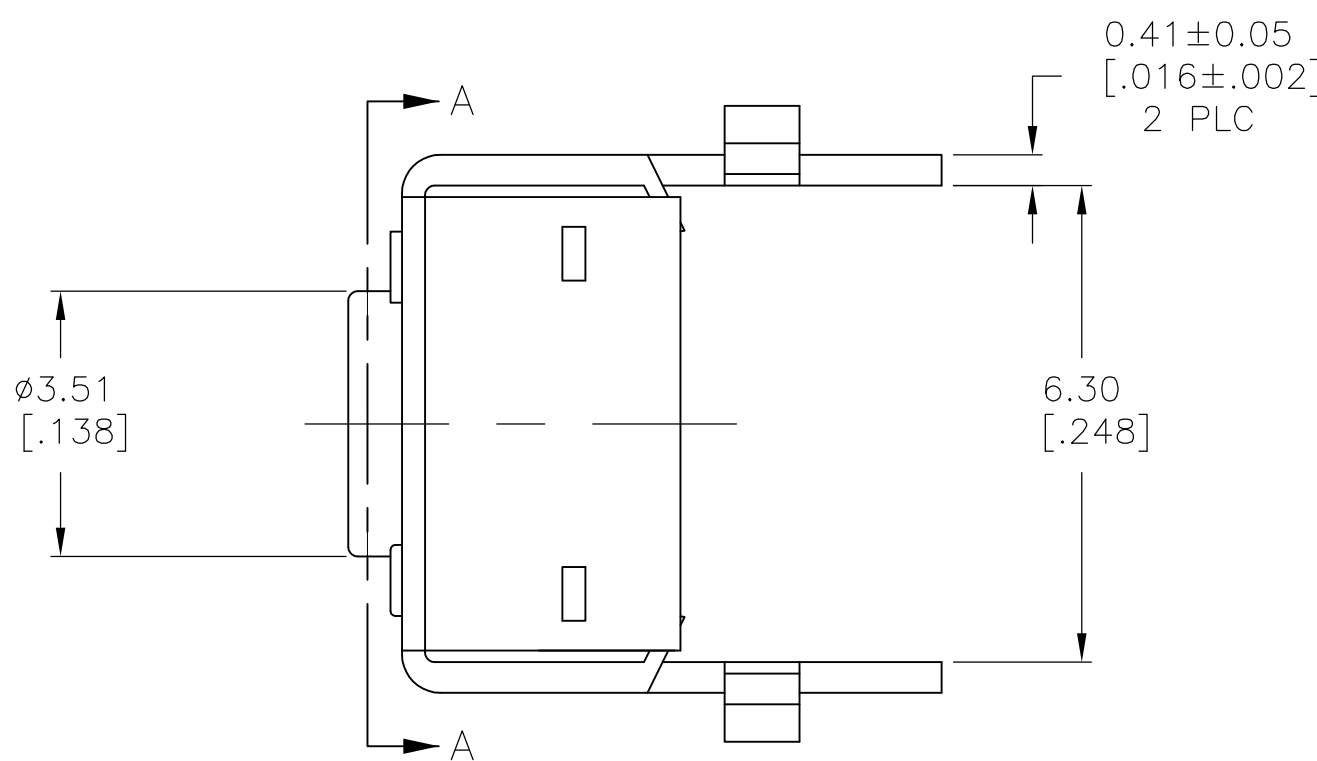
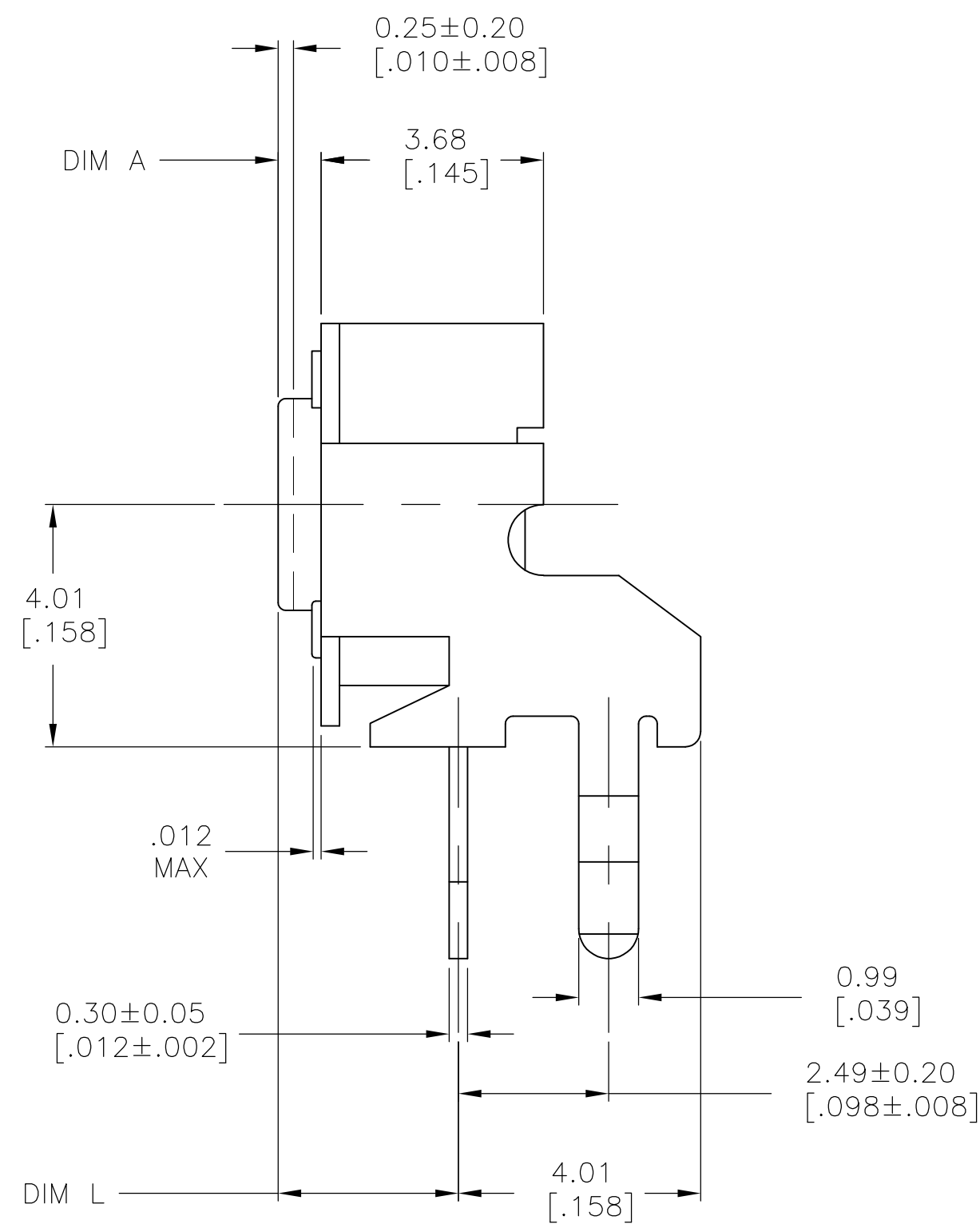
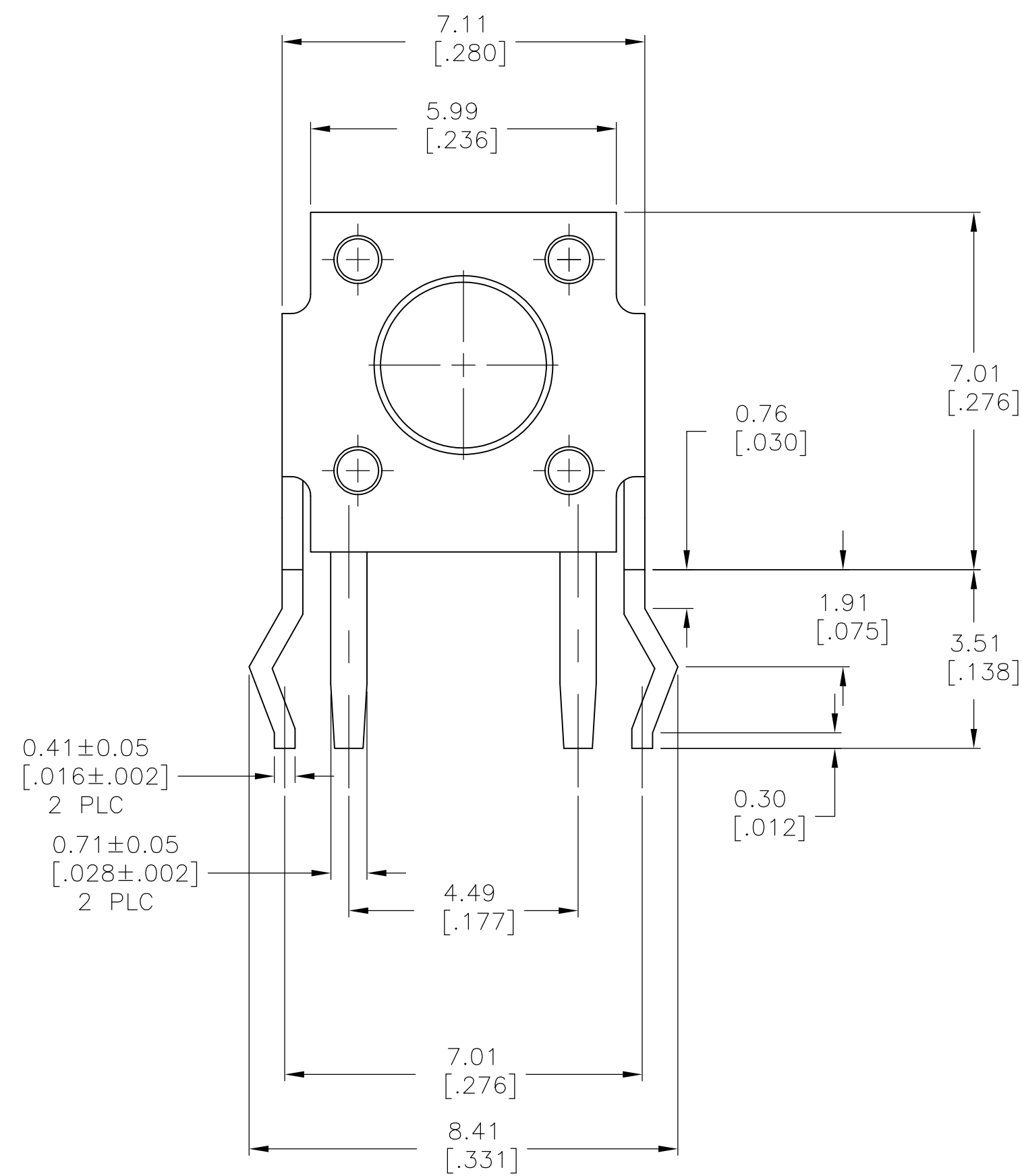


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DMN	APVD
			B1	REVISED PER ECO-10-000076	07APR10	HMR	MW



RECOMMENDED HOLE LAYOUT
TOLERANCE $\pm .002$ UNLESS
OTHERWISE NOTED

()—INDICATES MOMENTARY POSITION		
CIRCUIT CHARACTERISTICS		
CONTACT	POSITION	CIRCUIT DIAGRAM
		
OFF	(ON) 1—2	

FSMRA5J

CASE: PPS, UL94V-0, BROWN
FRAME/BACKET: STEEL, TIN OVER NICKEL
ACTUATOR BUTTON: PPS OR PA46 (SEE TABLE), UL94V-0, COLOR SEE TABLE
MOVING CONTACT: COPPER ALLOY, SILVER PLATE
FIXED CONTACT/TERMINALS: COPPER ALLOY, SILVER OVER NICKEL PLATE

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE: 50 MILLIOHMS MAX
INSULATION RESISTANCE: 100 MEGOHMS @ 100 VDC MIN.
DIELECTRIC STRENGTH: 500 VAC @60 Hz FOR 1 MINUTE
LIFE EXPECTANCY: 100,000 CYCLES

MECHANICAL:
ACTUATION FORCE: SEE TABLE
ACTUATION TRAVEL: .010±.008

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDER HEAT RESISTANCE PER 109-201 COND B
SOLDERABILITY PER EIA-364-52 CLASS 1, CATEGORY 2

1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EH DIRECTIVE 2002/95/EC OF 27 JAN 2003 (ROHS)

	'PA6T	WHITE	260 +/–50 GF	15.85 (.624)	13.25 (.522)	FSMRA8JHXA	2-1977177-4
OBSOLETE	PPS	BLACK	160 +/–50 GF	15.85 (.624)	13.25 (.522)	FSMRA8JHX	2-1977177-3
	PPS	BROWN	100 +/–30 GF	15.85 (.624)	13.25 (.522)	FSMRA8JHXL	2-1977177-2
	PA6T	WHITE	260 +/–50 GF	11.85 (.467)	9.24 (.364)	FSMRA7JHXA	2-1977177-1
	PPS	BLACK	160 +/–50 GF	11.85 (.467)	9.24 (.364)	FSMRA7JHX	2-1977177-0
	PPS	BROWN	100 +/–30 GF	11.85 (.467)	9.24 (.364)	FSMRA7JHXL	1-1977177-9
	PA6T	WHITE	260 +/–50 GF	6.85 (.270)	4.24 (.167)	FSMRA6JHXA	1-1977177-8
	PPS	BLACK	160 +/–50 GF	6.85 (.270)	4.24 (.167)	FSMRA6JHX	1-1977177-7
	PPS	BROWN	100 +/–30 GF	6.85 (.270)	4.24 (.167)	FSMRA6JHXL	1-1977177-6
OBSOLETE	PA6T	WHITE	260 +/–50 GF	6.15 (.242)	3.55 (.140)	FSMRA5JHXA	1-1977177-5
OBSOLETE	PPS	BLACK	160 +/–50 GF	6.15 (.242)	3.55 (.140)	FSMRA5JHX	1-1977177-4
	PPS	BROWN	100 +/–30 GF	6.15 (.242)	3.55 (.140)	FSMRA5JHXL	1-1977177-3
	PA6T	WHITE	260 +/–50 GF	8.35 (.329)	5.74 (.226)	FSMRA4JHXA	1-1977177-2
OBSOLETE	PPS	BLACK	160 +/–50 GF	8.35 (.329)	5.74 (.226)	FSMRA4JHX	1-1977177-1
	PPS	BROWN	100 +/–30 GF	8.35 (.329)	5.74 (.226)	FSMRA4JHXL	1-1977177-0
	PA6T	WHITE	260 +/–50 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHXA	1977177-9
OBSOLETE	PPS	BLACK	160 +/–50 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHX	1977177-8
	PPS	BROWN	100 +/–30 GF	5.85 (.230)	3.25 (.128)	FSMRA3JHXL	1977177-7
	PA6T	WHITE	260 +/–50 GF	3.86 (.152)	1.24 (.049)	FSMRA2JHXA	1977177-6
	PPS	BLACK	160 +/–50 GF	3.86 (.152)	1.24 (.049)	FSMRA2JHX	1977177-5
	PPS	BROWN	100 +/–30 GF	3.86 (.152)	1.24 (.049)	FSMRA2JHXL	1977177-4
	PA6T	WHITE	260 +/–50 GF	3.15 (.124)	0.56 (.022)	FSMRA1JHXA	1977177-3
	PPS	BLACK	160 +/–50 GF	3.15 (.124)	0.56 (.022)	FSMRA1JHX	1977177-2
	PPS	BROWN	100 +/–30 GF	3.15 (.124)	0.56 (.022)	FSMRA1JHXL	1977177-1
	ACTUATOR MAT'L	ACTUATOR COLOR	ACTUATION FORCE	DIM L	DIM A	ALCO P/N	TE P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: M.BINNER 14AUG07		Tyo Tyco Electronics Corporation	
		DWO: M.SARVER 14AUG07		Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		APPRO: M.SARVER 14AUG07		NAME: 6MM R/A TACT SWITCH	
TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLG ± — 1 PLG ± — 2 PLG ± — 3 PLG ± — 4 PLG ± — ANGLES ± — FINISH —		PRODUCT SPEC —		ULTRA HIGH TEMPERATURE SERIES	
		APPLICATION SPEC —			
MATERIAL		WEIGHT —		RESTRICTED TO	
		CUSTOMER DRAWING		SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1977177 SCALE: 10:1 SHEET 1 of 1 REV: B	