

4

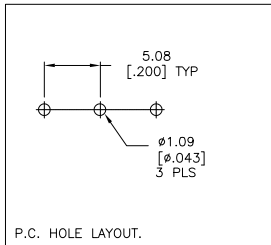
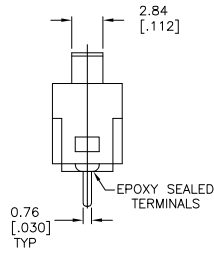
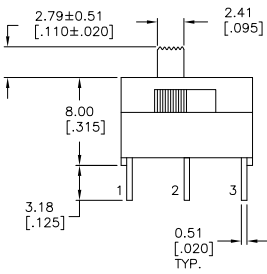
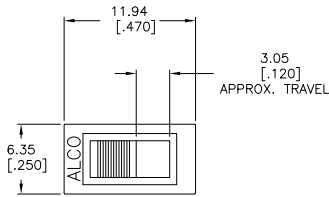
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	QTY	REVISIONS				
AD	00	F	LR	DATE	BY	APP'D
		D1		REVISED PER ECO-05-009527	17MAY06	GS MS



SPECIFICATIONS:
 BREAK-BEFORE-MAKE

MATERIAL:
 SLIDER, GLASS FILLED NYLON, UL94-HB, BLACK.
 BASE, GLASS FILLED PBT, BLUE.
 COVER, GLASS FILLED PBT, BLUE.
 SLIDE PLATE, STAINLESS STEEL.
 ACTUATOR, PPS, BLACK.
 ROCKER CONTACT(GOLD), COPPER ALLOY, GOLD OVER NICKEL PLATING.
 ROCKER CONTACT(SILVER), COPPER ALLOY PLUS COINED SILVER.
 FIXED CONTACT/TERMINAL (GOLD), COPPER ALLOY, GOLD OVER NICKEL PLATE.
 FIXED CONTACT/TERMINAL(SILVER), COPPER ALLOY PLUS COINED SILVER, GOLD OVER NICKEL PLATE.

ELECTRICAL:
 CONTACT RATING(SILVER)-3A@115V AC OR 1.5A@230V AC
 CONTACT RATING(GOLD)-4VA MAX@20V DC OR PEAK AC
 INITIAL CONTACT RESISTANCE-20 MILLIOHMS MAX.
 INSULATION RESISTANCE-1000 MEGOHMS MIN @ 500V DC
 DIELECTRIC STRENGTH- 500 V RMS @ SEA LEVEL.
 LIFE EXPECTANCY- 30000 OPERATIONS.

MECHANICAL:
 OPERATING FORCE- 600+/-300 GRAMS.
 TRAVEL-.120

ENVIRONMENTAL:
 OPERATING TEMPERATURE- -20°C TO +65°C
 STORAGE TEMPERATURE- -40°C TO +100°C
 SOLDER HEAT RESISTANCE- PER 109-202 CONDITION B.
 SOLDERABILITY PER EIA 364-52, CLASS 2, CATAGORY 1.

TYPE	PLATING	ALCO PART NO.	TYCO PART NO.
2,1 OFF 2,3 SPDT	SILVER	MSSA114E04	3-1437580-2
2,1 NONE 2,3 SPDT	SILVER	MSSA114D04	3-1437580-1
2,1 OFF 2,3 SPDT	GOLD	MSSA111EG04	3-1437580-0
2,1 NONE 2,3 SPDT	GOLD	MSSA111DG04	2-1437580-9

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN V.J. MARTINI 07SEP82	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		APPROXIMATE DIMENSIONS	PRODUCT SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPC	APPLICATION SPEC	
Ø P.L.C.	± .01	---	WEIGHT	
1 P.L.C.	± .01	---	SIZE CASE CODE DRAWING NO	
2 P.L.C.	± .01	---	A2 00779 C=2-1437580-9	
3 P.L.C.	± .01	---	RESTRICTED TO	
4 P.L.C.	± .01	---	CUSTOMER DRAWING	
ANGLES	± .01	---	SCALE 4:1 SHEET 1 OF 1 REV D1	
FINISH	---	---	---	

AMP 1471-9 REV 31MMR2000

2-1437580-9

A