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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	C2	REVISED PER ECO-11-004917	11MAR11	RK HMR

ALCO

.470

.450

.120 APPROXIMATE TRAVEL

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-1,000 MEGOHMS MIN @ 500V DC

DIELECTRIC STRENGTH- 500 V RMS @ SEA LEVEL.

LIFE EXPECTANCY- 30,000 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.

.110±.020

.095

.315

.125

.020 TYP

.200 REF

LEVER OPTIONAL ON SELECT MODELS

.078

.112

.030 TYP

EPOXY SEALED TERMINALS

.200 TYP

Ø.043 TYP

.200

RECOMMENDED HOLE LAYOUT
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED

2,1 & 5,4	NONE	2,3 & 5,6	DPDT	SILVER	MSSA214N04	5-1437580-2
2,1 & 5,4	OFF	2,3 & 5,6	DPDT	GOLD	MSSA211PG04	5-1437580-1
2,1 & 5,4	NONE	2,3 & 5,6	DPDT	GOLD	MSSA211NGRA04	5-1437580-0
2,1 & 5,4	NONE	2,3 & 5,6	DPDT	GOLD	MSSA211NG04	4-1437580-9
			TYPE	PLATING	ALCO PART NO.	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 20APR04	TE Connectivity			
DIMENSIONS: INCHES		CHK M SARVER 20APR04				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 20APR04	NAME SLIDE SWITCH, DP (MSS-211 & 214)			
0 PLC ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO			
1 PLC ± -		APPLICATION SPEC	A2 00779 C=4-1437580-9			
2 PLC ± -		WEIGHT -	SCALE 4:1 SHEET 1 of 1 REV C2			
3 PLC ± .010		CUSTOMER DRAWING				
4 PLC ± -						
ANGLES ± 1°						
FINISH -						

1471-9 (3/11)

4-1437580-9

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