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Loc		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	C1	REVISED PER ECO-14-018779		16DEC2014	NK	RH	

RECOMMENDED BOARD LAYOUT

SPECIFICATIONS:

MATERIALS

CASE- PPS, UL94V-0, BLACK  
 ACTUATOR- NYLON 46, UL94V-0, BLACK  
 FRAME- STEEL, TIN PLATE  
 SEAL- SILICON RUBBER, BLACK  
 CONTACT- STAINLESS STEEL, PLATING-SILVER/NICKEL  
 TERMINAL- BRASS, PLATING-SILVER/NICKEL

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC  
 MIN CONTACT RATING: 10MICROAMPS@1V DC  
 INITIAL CONTACT RESISTANCE- 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION  
 INSULATION RESISTANCE- 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION  
 DIELECTRIC STRENGTH- 500 VAC

MECHANICAL:

ACTUATION FORCE- SEE TABLE  
 ACTUATION TRAVEL- .35 +/- .2 mm  
 LIFE EXPECTANCY- 1,000,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9  
 VIBRATION- PER EIA 364-28D, CONDITION VII, LEVEL E  
 MECHANICAL SHOCK- PER EIA-364-27C, CONDITION A

ENVIRONMENTAL:

OPERATING TEMPERATURE- -35 TO +85 DEGREES C  
 STORAGE TEMPERATURE- -35 TO +85 DEGREES C  
 HUMIDITY AND TEMPERATURE CYCLING- PER EIA-364-31B, METHOD III  
 THERMAL SHOCK- PER EIA-364-32C, -35 TO +85 DEGREES C  
 SOLDERABILITY- PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 260 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE  
 RESISTANCE TO SOLDER HEAT- PER 109-202, CONDITION B  
 1. NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS  
 SEALING PER IP67 - CONTACT RESISTANCE 100 MILLIOHMS MAX

1 ALL MATERIAL AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

BULK	160±50gf	2.35	3.85	1571610-2
BULK	160±50gf	2.35	6.85	1571610-1
PACKAGING	OPERATING FORCE	I	L	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	R BROWN	19JUN03
DIMENSIONS:		CHK	M SARVER	19JUN03
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	M SARVER	19JUN03
0 PLC	± -	PRODUCT SPEC	NAME	
1 PLC	± -	APPLICATION SPEC	SWITCH ASSEMBLY, TACTILE, RIGHT ANGLE, SEALED	
2 PLC	± 0.30	WEIGHT	SIZE	CAGE CODE
3 PLC	± -	SCALE	A2	00779
4 PLC	± -	CUSTOMER DRAWING	SCALE	8:1
ANGLES	± -	REVISIONS	SHEET	1 OF 1
FINISH	-	REV	C1	

1471-9 (3/11)

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