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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	G4 REVISED PER ECO-15-015403	27OCT2015	NK	RH

SPECIFICATIONS

MATERIALS

CASE: THERMOPLASTIC, UL94V-0, BLACK  
 ACTUATOR: THERMOPLASTIC, UL94V-0, SEE TABLE  
 COVER: NICKEL SILVER  
 SEAL: SILICON RUBBER, BLACK  
 CONTACT: STAINLESS STEEL, PLATING-SILVER  
 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 RS-448, METHOD 1  
 INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E  
 DIELECTRIC STRENGTH: 500 VAC 50/60 HZ FOR 1 MINUTE  
 CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

MECHANICAL

ACTUATOR OPERATING FORCE: SEE TABLE  
 ACTUATOR TRAVEL: 0.35±0.2mm

DURABILITY

UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8  
 FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX  
 CONTACT BOUNCE: 20 MILLISECONDS MAX  
 ACTUATOR FORCE: WITHIN ±30% OF INITIAL VALUE

ENVIRONMENTAL

OPERATING TEMPERATURE RANGE: -35°C to +85°C  
 STORAGE TEMPERATURE RANGE: -35°C to +85°C  
 HUMIDITY: 96 HOURS PER EIA-186-1E  
 INSULATION RESISTANCE: 10 MEGOHMS MIN  
 DIELECTRIC STRENGTH: 250VAC  
 CONTACT RESISTANCE: 100 MILLIOHMS MAX  
 DRY HEAT TEST: 85°C FOR 96 HOURS PER IEC 60068-2-2, TEST B,  
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS  
 COLD TEST: -35°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;  
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS  
 THERMAL CYCLING: 5 CYCLES, -35°C to +85°C  
 HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III  
 CONTACT RESISTANCE 100 MILLIOHMS MAX  
 RESISTANCE TO SOLDERING HEAT PER 109-201, COND B

SEALING PER IP67

SOLDERABILITY: PER EIA-364-52, CLASS 1, CATEGORY 2

1 PARTS TO BE PACKAGED ON TAPE AND REEL PER EIA-481

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

TERMINAL NO. 3 TERMINAL NO. 4

CIRCUIT DIAGRAM

P.C.B MOUNTING SOLDER LAND DIMENSION

1	T&R	Blue	260 +/-50gf	3.10mm	4.50mm	1571294-8
1	T&R	Ivory	160 +/-50gf	3.10mm	4.50mm	1571294-7
1	T&R	RED	260 +/-50gf	3.10mm	4.30mm	1571294-6
	BULK	RED	260 +/-50gf	3.10mm	4.30mm	1571294-5
1	T&R	Black	160 +/-50gf	3.10mm	5.00mm	1571294-4
	BULK	Black	160 +/-50gf	3.10mm	5.00mm	1571294-3
1	T&R	Black	160 +/-50gf	3.10mm	4.30mm	1571294-2
	BULK	Black	160 +/-50gf	3.10mm	4.30mm	1571294-1
	Packaging	Actuator Color	Operating force	DIM I	Dim L	PART NUMBER

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		CHK		APVD		MATERIAL		FINISH		WEIGHT		CUSTOMER DRAWING	
mm				09DEC02		09DEC02		09DEC02		-		-		-		-	
0 PLC	±	-		R BROWN													
1 PLC	±	-		M SARVER													
2 PLC	±	0.30		M SARVER													
3 PLC	±	-															
4 PLC	±	-															
ANGLES	±	-															

**TE** TE Connectivity

SWITCH ASSEMBLY, TACTILE,  
6mm SEALED, SMT

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1571294 RESTRICTED TO: -

SCALE: 8:1 SHEET: 1 of 1 REV: G4

1471-9 (3/11)

1571294

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