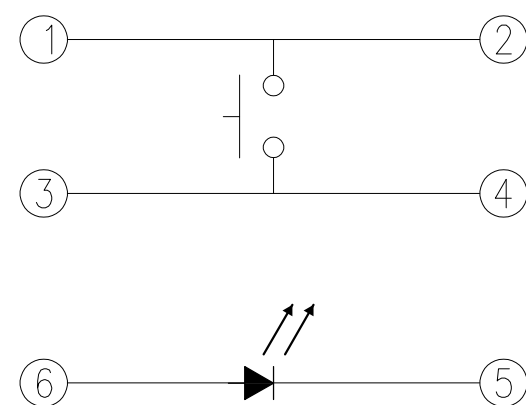
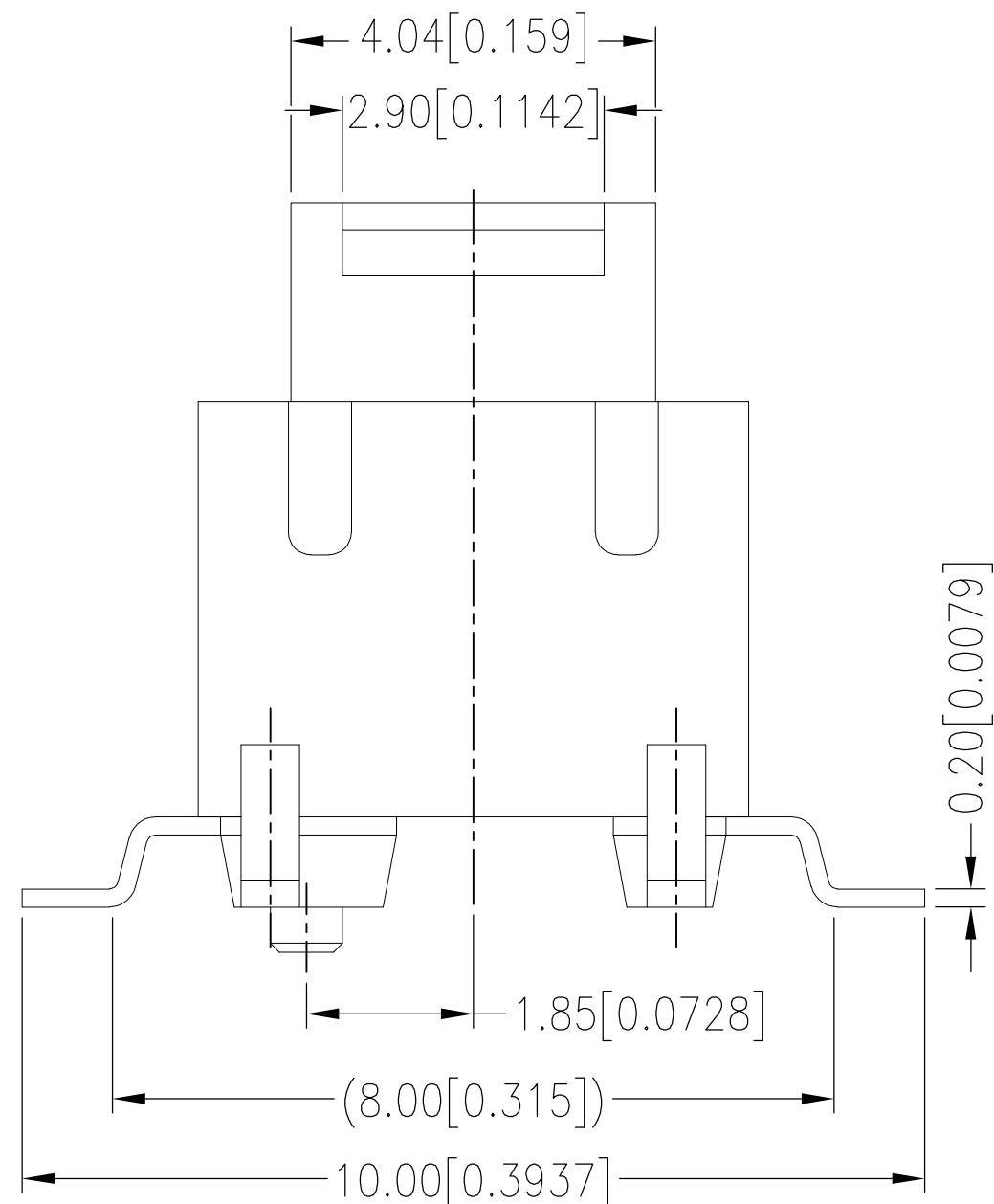
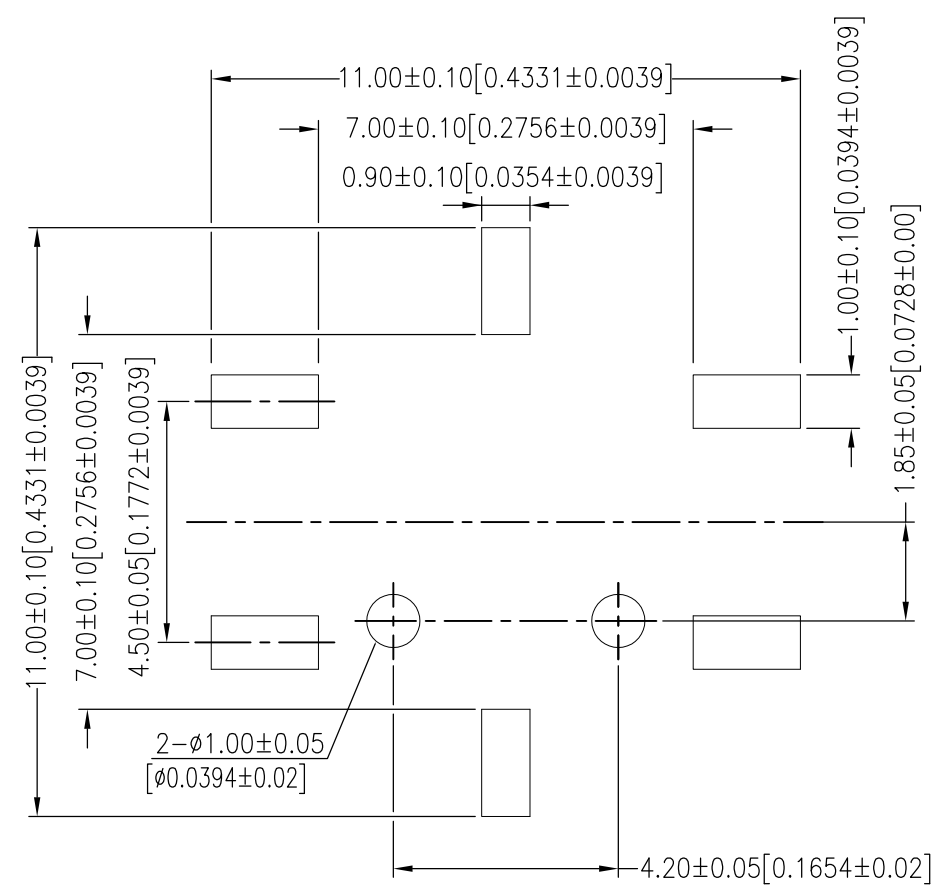


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REVISIONS						
P	LTR	DESCRIPTION	DATE	DWN	APVD	
	A	REVISED PER ECR-16-010442	22JUL2016	RS	PO	
	A1	REVISED PER ECR-16-015883	16NOV2016	RK	SS	
	A2	REVISED PER ECR-16-017884	21DEC2016	RK	SS	



CIRCUIT DIAGRAM



P.C.B LAYOUT

SPECIFICATIONS:

MATERIALS

CASE: HIGH TEMP THERMOPLASTIC (UL94-V0), BLACK
ACTUATOR: HIGH TEMP THERMOPLASTIC PA9T (UL94-V0)
MOXING CONTACT: STAINLESS STEEL, AG PLATED
FIXED CONTACT/TERMINAL: BRASS, AG PLATED

ELECTRICAL

CONTACT RATING: 50 mA @ 12 VDC
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX
INSULATION RESISTANCE: 100 MEGAOHM MIN @ 500 VDC
DIELECTRIC STRENGTH: 250 VAC FOR 1 MINUTE

MECHANICAL

ACTUATION FORCE: SEE TABLE
 ACTUATION TRAVEL: 0.20 MM $\pm$ 0.10 MM
 ACTUATION CYCLES: FOR ACTUATION FORCE OF 100GF OR 160GF,
 500,000 ACTUATION CYCLES MIN; FOR ACTUATION FORCE OF 260GF
 OF 520GF, 200,000 ACTUATION CYCLES MIN

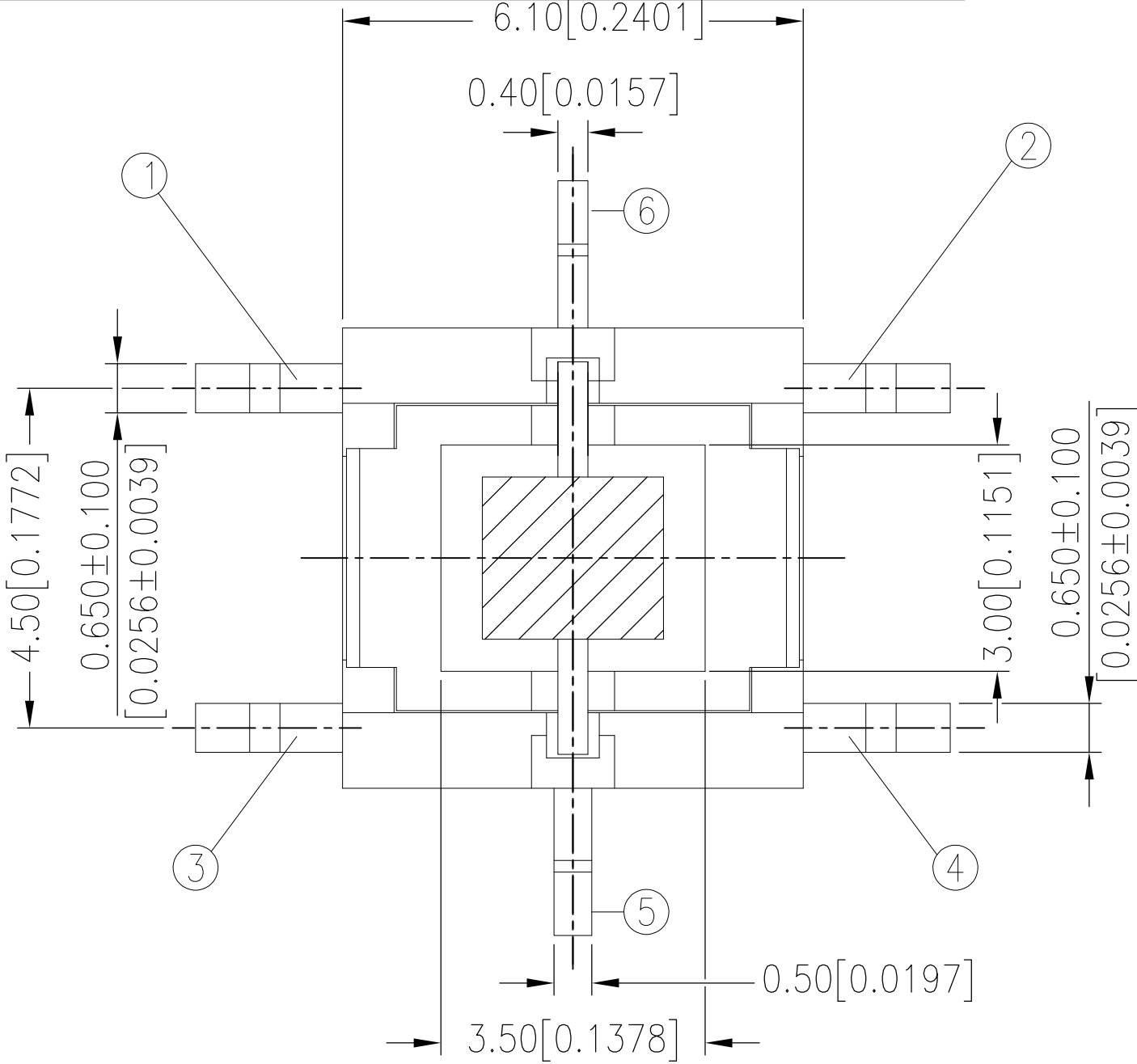
ENVIRONMENTAL

OPERATING TEMPERATURE: -25°C TO +70°C
STORAGE TEMPERATURE: -30°C TO +80°C
STORAGE HUMIDITY: 85% MAX
VIBRATION: PER MIL-STD-202F, METHOD 201A
THERMAL SHOCK: PER MIL-STD-202F, METHOD 213B, CONDITION A
RESISTANCE TO SOLDER HEAT: REFLOW SOLDERING TEMPERATURE
260°C +/-5°C PER TEC-109-201, CONDITION B

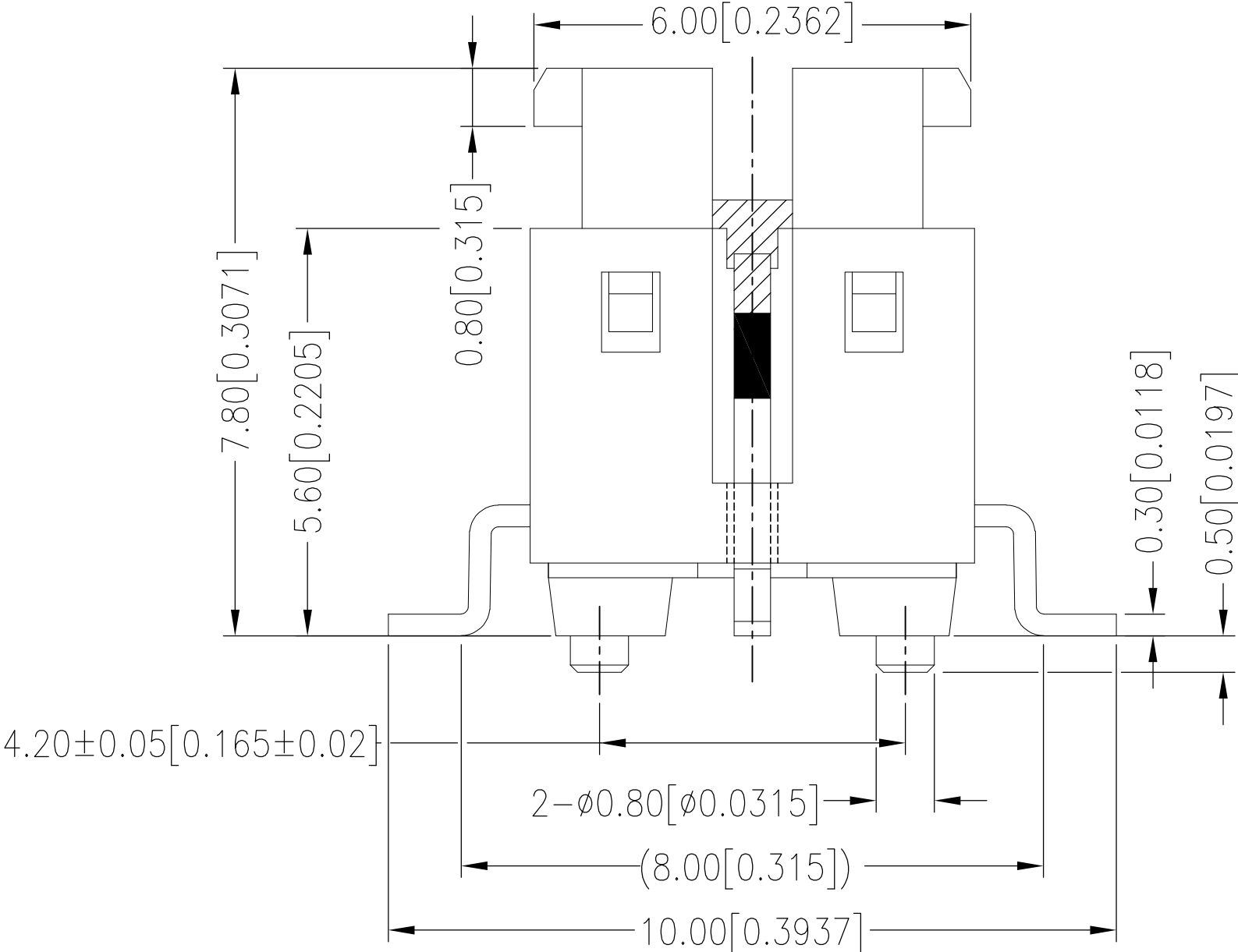
1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
2. LOW INTENSITY LED PARTS SHOWN ON PAGE 2
3. HIGH INTENSITY LED PARTS SHOWN ON PAGE 3
4. PARTS TO BE PACKAGED IN TAPE AND REEL PER EIA-481.
5. IF THIS SWITCH IS USED WITH A CAP, THE CAP SHALL BE INSTALLED AFTER SOLDERING THE SWITCH TO PCB.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAVI.S 16MAR2016	 TE Connectivity	
		CHK R. Hill 16MAR2016		
DIMENSIONS: mm		APVD R. Hill 16MAR2016	NAME ILLUMINATED TACTILE SWITCH SURFACE MOUNTED —	
		PRODUCT SPEC —		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± +/- 0.30 3 PLC ± — 4 PLC ± — ANGLES ± —		APPLICATION SPEC —		
MATERIAL —		WEIGHT		
FINISH —		SIZE A2		
		CAGE CODE 00779		DRAWING NO C-2213819
				RESTRICTED TO —
		CUSTOMER DRAWING		
		SCALE 1:1		SHEET 1 of 3
		REV A2		

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



LOW INTENSITY LED PROFILE



520	COLD WHITE	FSMIJM65AW04	5-2213819-6
520	RED	FSMIJM65AR04	5-2213819-5
520	RED ORANGE	FSMIJM65A□04	5-2213819-4
520	SOFT ORANGE	FSMIJM65AA04	5-2213819-3
520	YELLOW	FSMIJM65AY04	5-2213819-2
520	YELLOW GREEN	FSMIJM65AG04	5-2213819-1
520	PURE GREEN	FSMIJM65APG04	5-2213819-0
520	BLUE	FSMIJM65AB04	4-2213819-9
260	COLD WHITE	FSMIJM63AW04	4-2213819-0
260	RED	FSMIJM63AR04	3-2213819-9
260	RED ORANGE	FSMIJM63A□04	3-2213819-8
260	SOFT ORANGE	FSMIJM63AA04	3-2213819-7
260	YELLOW	FSMIJM63AY04	3-2213819-6
260	YELLOW GREEN	FSMIJM63AG04	3-2213819-5
260	PURE GREEN	FSMIJM63APG04	3-2213819-4
260	BLUE	FSMIJM63AB04	3-2213819-3
160	COLD WHITE	FSMIJM62AW04	2-2213819-4
160	RED	FSMIJM62AR04	2-2213819-3
160	RED ORANGE	FSMIJM62A□04	2-2213819-2
160	SOFT ORANGE	FSMIJM62AA04	2-2213819-1
160	YELLOW	FSMIJM62AY04	2-2213819-0
160	YELLOW GREEN	FSMIJM62AG04	1-2213819-9
160	PURE GREEN	FSMIJM62APG04	1-2213819-8
160	BLUE	FSMIJM62AB04	1-2213819-7
100	COLD WHITE	FSMIJM61AW04	2213819-8
100	RED	FSMIJM61AR04	2213819-7
100	RED ORANGE	FSMIJM61A□04	2213819-6
100	SOFT ORANGE	FSMIJM61AA04	2213819-5
100	YELLOW	FSMIJM61AY04	2213819-4
100	YELLOW GREEN	FSMIJM61AG04	2213819-3
100	PURE GREEN	FSMIJM61APG04	2213819-2
100	BLUE	FSMIJM61AB04	2213819-1
OPERATING FORCE	LED COLOR	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER

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DWN
RAVLS
16MAR2016

CHK
R. Hill
16MAR2016

APVD
R. Hill
16MAR2016

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
-

CUSTOMER DRAWING

DIMENSIONS:
mm

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

MATERIAL
-

FINISH

TE Connectivity

NAME
ILLUMINATED TACTILE SWITCH
SURFACE MOUNTED

SIZE
A2

CAGE CODE
00779

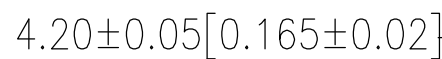
DRAWING NO
C=2213819

RESTRICTED TO
-

SCALE
1:1

SHEET
2 of 3

REV
A2

221.3819

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAVI.S 16MAR2016		 TE Connectivity	
		CHK R. Hill 16MAR2016			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME ILLUMINATED TACTILE SWITCH SURFACE MOUNTED —	
		APVD R. Hill 16MAR2016			
0 PLC ± — 1 PLC ± — 2 PLC ± +/— 0.30 3 PLC ± — 4 PLC ± — ANGLES ± —		PRODUCT SPEC —			
MATERIAL —		APPLICATION SPEC —			
FINISH —		WEIGHT —		SIZE A2	
				CAGE CODE 00779	
				DRAWING NO C=2213819	
				RESTRICTED TO —	
		CUSTOMER DRAWING		SCALE 1:1	
				SHEET 3 of 3	
				REV A2	