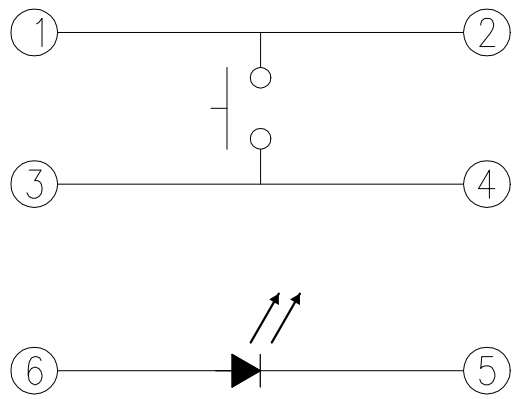
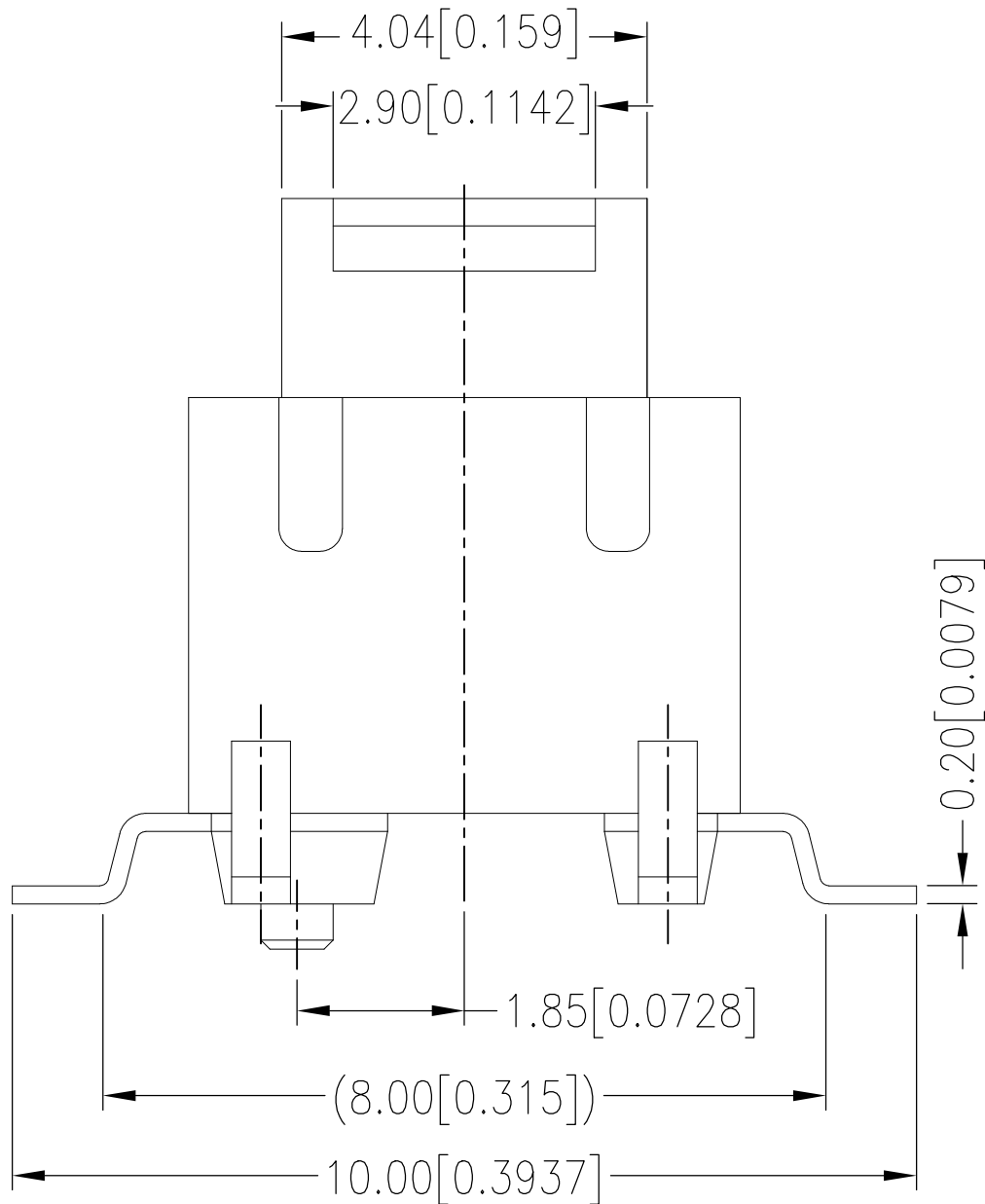
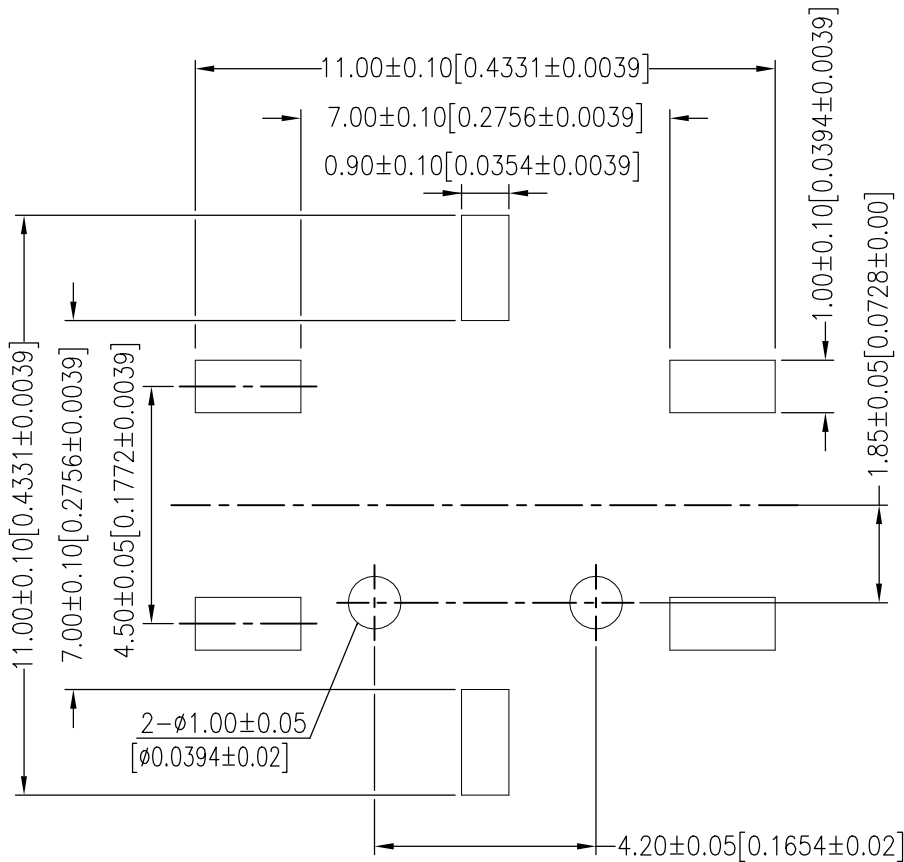


D
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4	3
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CIRCUIT DIAGRAM



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 +/- 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

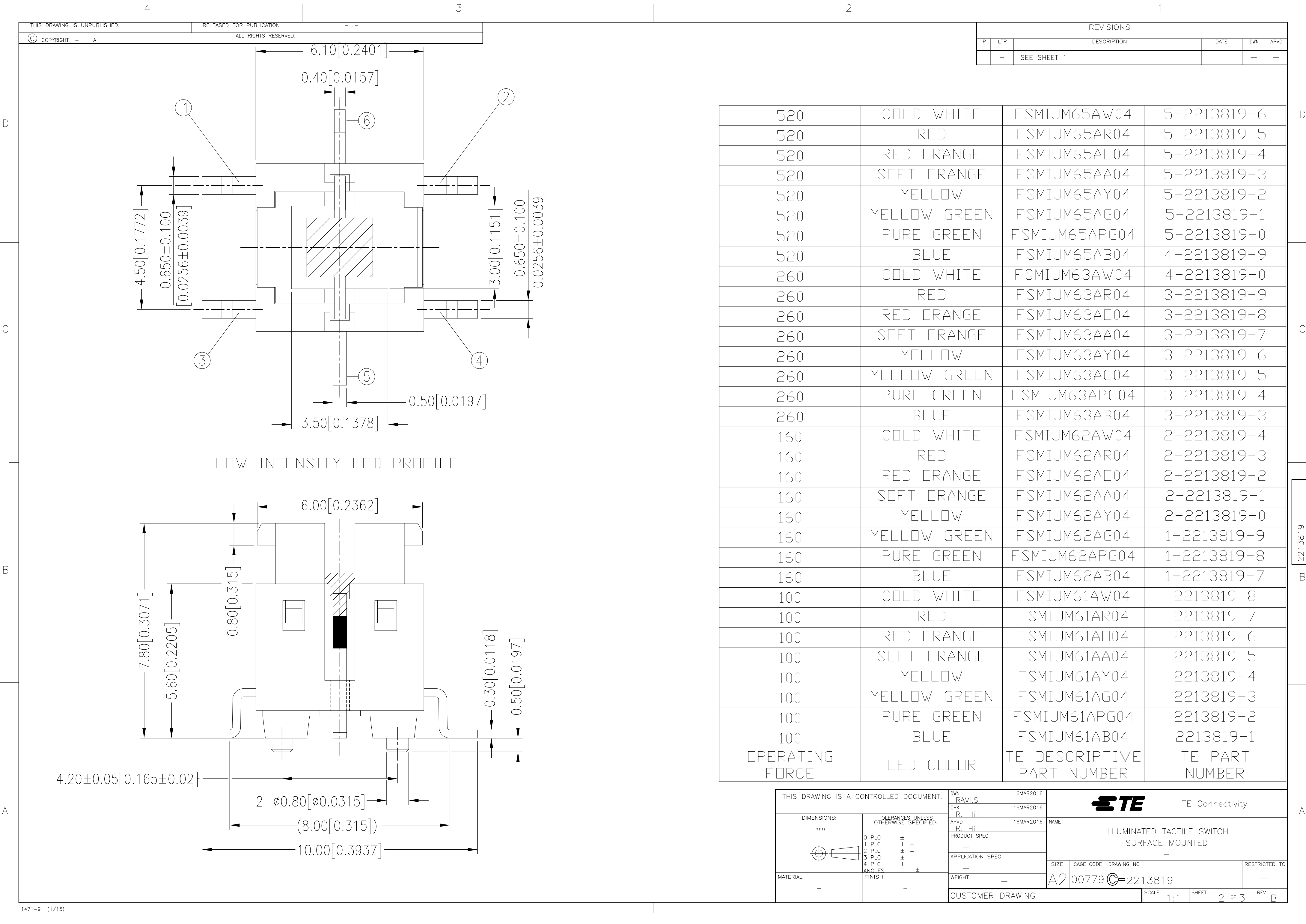
OPERATING TEMPERATURE: -25°C TO +70°C
STORAGE TEMPERATURE: -30°C TO +80°C
STORAGE HUMIDITY: 85% MAX
VIBRATION: PER MIL-STD-202F, METHOD 201A
THERMAL SHOCK: PER MIL-STD-202F, METHOD 213B, CONDITION A
RESISTANCE TO SOLDER HEAT: REFLOW SOLDERING TEMPERATURE
260°C +/- 5°C PER TEC-109-201, CONDITION B

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 AND CARTON. REEL AND CARTON TO INCLUDE CAUTION STATIC SENSITIVE DEVICE LABELS. 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 RAVLS 16MAR2016	TE Connectivity		
DIMENSIONS: mm		CHK R. Hill 16MAR2016			
		APVD R. Hill 16MAR2016	NAME		
		PRODUCT SPEC	ILLUMINATED TACTILE SWITCH SURFACE MOUNTED		
MATERIAL -		FINISH -	RESTRICTED TO		
		WEIGHT	-		
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 of 3		REV B

D
C
B
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2213819



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

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

