143.65 +0.15 −0.35 [5.656 +0.006 −0.014]

0 [0.000]
9.25 [0.364]
10.52±0.15 [0.414±0.006]
11.28 [0.444]
16.75 [0.659]
31.75 [1.250]
46.75 [1.841]
52.22 [2.056]
54.25 [2.136]
63.5 +0.15 −0.35 [2.500 +0.006 −0.014]

10.52±0.15 [0.414±0.006]

124.22 [4.891]
117.47 [4.625]
110.72 [4.359]
101.85 [4.010]
96.39 [3.795]
72.32 [2.847]
66.85 [2.632]
47.76 [1.880]
42.3 [1.665]
23.21 [0.914]
17.74 [0.698]
0 [0.000]

180.18±1.00 [7.094±0.039]

4.103±0.15 [1.615±0.006]

20% Black Deadfront window (gloss)

8-Ø3 [Ø0.118]All Green Area Is Dome Emboss Clear LED window(Matte)

27.25 [1.073]

Pin1
3.06 [0.120]
Polyester Protection

4-R2 [R0.08]

36.53 [1.438]

Pitch1.0x7
9±0.15 [0.354±0.006]

39.59±0.50 [1.558±0.020]
10 [0.394]Stiffener Total Thickness 0.3±05
7 [0.276]Condutor

13.5 +0.30 −0.20 [0.531 +0.012 −0.008]
45 +0.30 −0.20 [1.772 +0.012 −0.008]

20% Black Deadfront window (gloss)

4-R1 [R0.04]

Pillow Emboss LED Window
Window Keys
total thickness 0.725mm±0.1mm
Polyester Protection
Overlay:Autotype F200XE/0.2mm
Circuit Spacer:Soken W217-EII/0.275mm
Lower Circuit :Dongfang DK11/0.125mm
Back Adhesive:3M 3M7945/0.125mm
Conductor
Stiffener
LED
Fixed glue
Metal Dome
Pull back 0.5mm on all sides

Structural Drawing

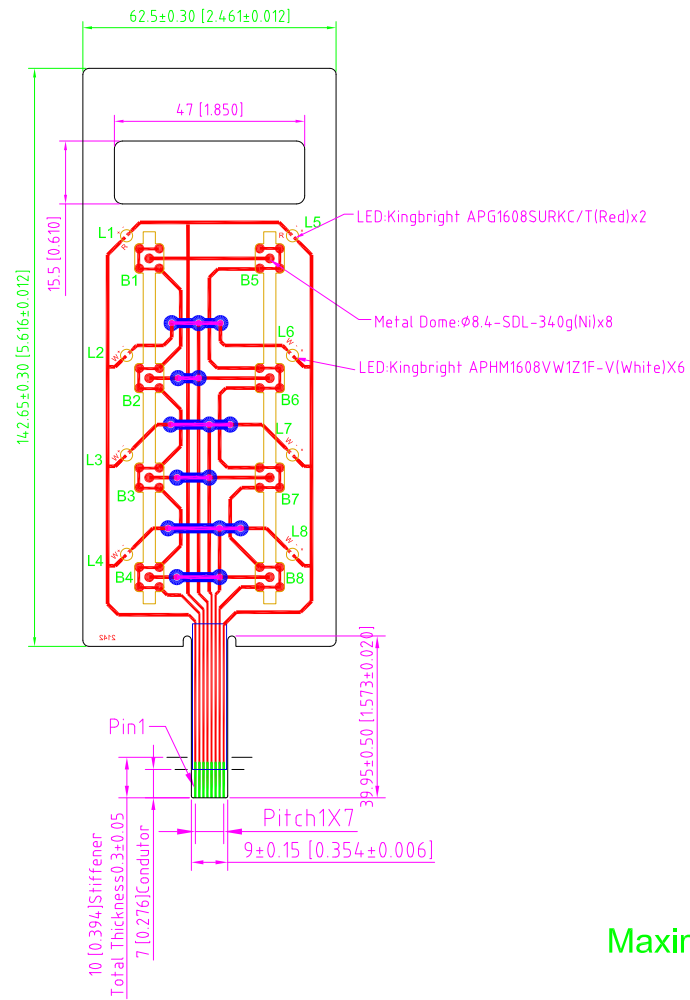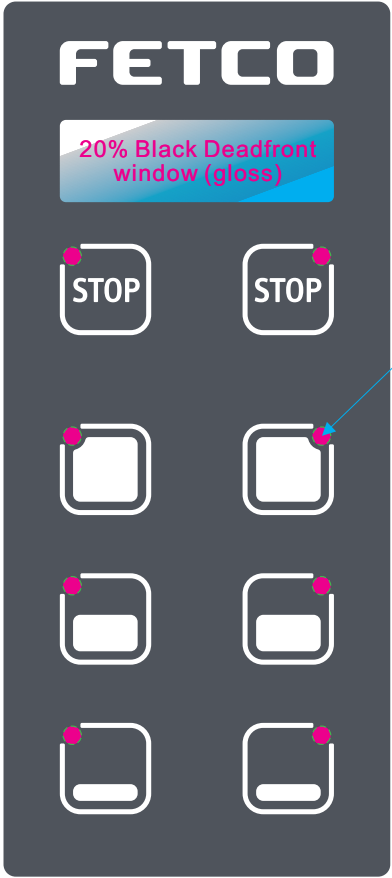| UA-1242 PRODUCT DRAWING	REVISED VERSION	R3	UNIT: [INCH AND MM]	TOLERANCES OUTLINE .X ±0.5MM .XX ±0.35MM .XXX ±0.25MM ANGLES ± 1°
DESIGN	Frank	DATE	Feb/16/2017	SCALE	1:1		
CHECK		DATE	Feb/16/2017	CUST.P/N	1058.00048.00 Rev A		
APPROVED BY		DATE	Feb/16/2017	SHEET:	1 OF 3	DO NOT SCALE THIS DOCUMENT	

62.5±0.30 [2.461±0.012]

47 [1.850]

15.5 [0.610]

142.65±0.30 [5.616±0.012]

LED:Kingbright APG1608SURKC/T(Red)x2

Metal Dome:Φ8.4-SDL-340g(Ni)x8

LED:Kingbright APHM1608VW1Z1F-V(White)X6

L1 L5
B1 B5
L2 L6
B2 B6
L3 L7
B3 B7
L4 L8
B4 B8

39.95±0.50 [1.573±0.020]

Pin1

10 [0.394]Stiffener
Total Thickness0.3±0.05
7 [0.276]Condutor

Pitch1X7

9±0.15 [0.354±0.006]

PIN	Location
1	L1, L2, L3,L4 +
2	B4, B3, B2, B1
3	B1, B5, L1, L5 R-
4	B2, B6, L2, L6 w-
5	B3, B7, L3, L7 w-
6	B4, B8, L4, L8 w-
7	B8, B7, B6, B5
8	L5, L6, L7, L8 +

Maximum Loop Resistance <150 ohm

UA-1242 CIRCIUT DRAWING				REVISED VERSION	R3	UNIT: [INCH AND MM]	TOLERANCES OUTLINE .X ±0.5MM .XX ±0.35MM .XXX ±0.25MM ANGLES ± 1°	
DESIGN	Frank	DATE	Feb/16/2017	SCALE	1:1			
CHECK		DATE	Feb/16/2017	CUST.P/N	1058.00048.00 Rev A			
APPROVED BY		DATE	Feb/16/2017	SHEET:	2 OF 3	DO NOT SCALE THIS DOCUMENT		

FETCO

20% Black Deadfront window (gloss)

STOP   STOP

8X Clear LED Window(matte)

Black Area Is Gloss(Printed)
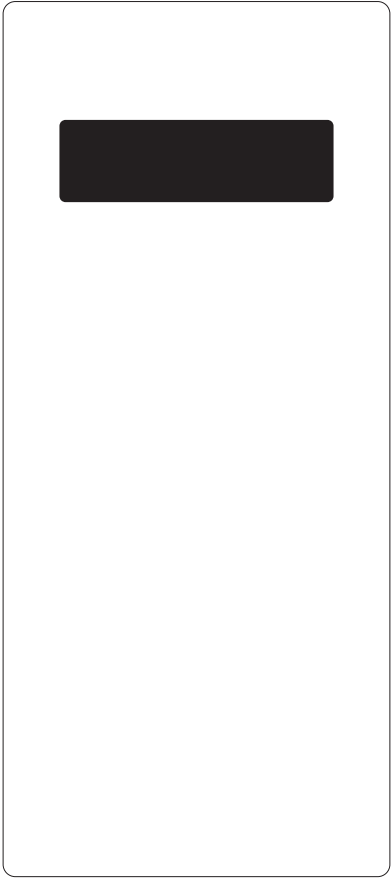
Pantone 7540 C   White

Emboss

All color match as per UA-1241(P/N:CBS-2131-ee)

UA-1242 OVERLAY DRAWING				REVISED VERSION	R3	UNIT: [INCH AND MM]	TOLERANCES OUTLINE .X ± 0.5MM .XX ± 0.35MM .XXX ± 0.25MM ANGLES ± 1
DESIGN	Frank	DATE	Feb/16/2017	SCALE	1:1		
CHECK		DATE	Feb/16/2017	CUST.P/N	1058.00048.00 Rev A		
APPROVEDBY		DATE	Feb/16/2017	SHEET:	3 OF 3	DONOTSCALETHISDOCUMENT	