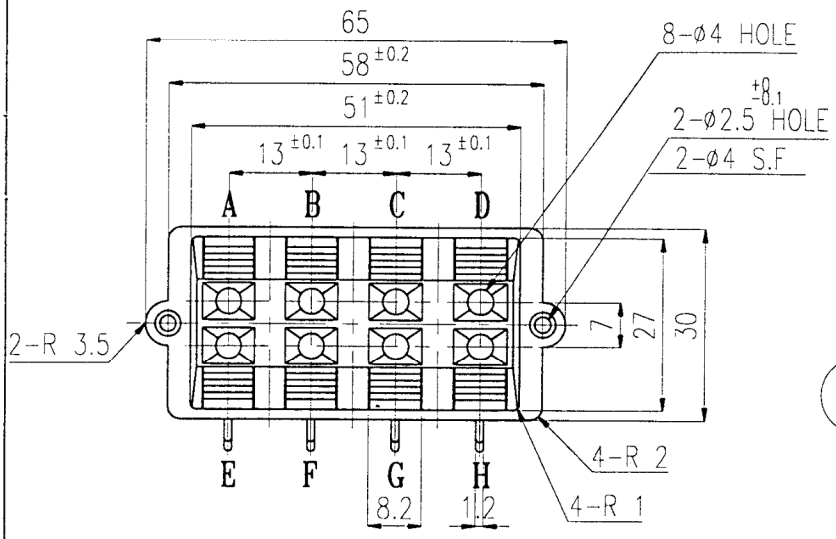
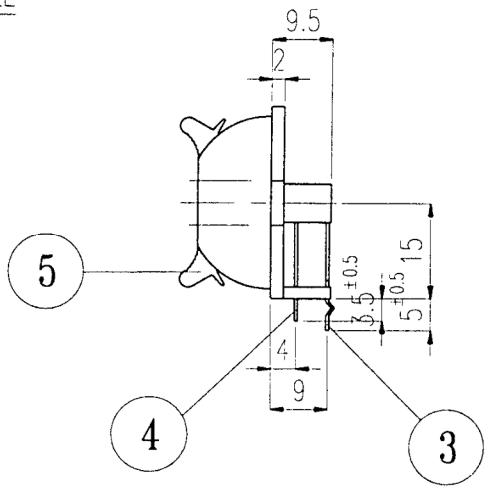
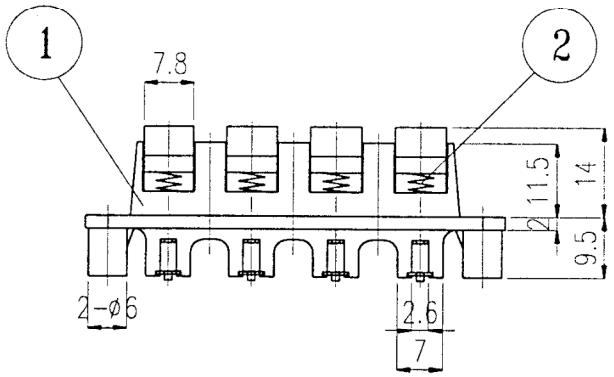
ALLOWANCE		MARK	DATE	DESCRIPTION OF REVISION	APPROVED
UNDER 6	± 0.05	△	. .		
6 TO 18	± 0.1				
18 TO 32	± 0.15	△	. .		
32 TO 50	± 0.2				
50 OVER	± 0.25	△	. .		

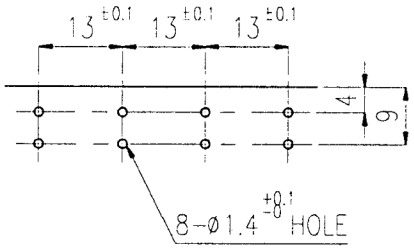






PCB-MTG

(Solder surface)



NO	PART NAME	MATERIAL	QUANTITY	PART NO	REMARKS
5	KNOB	ABS 94HB	8	2M679	A: R B: R C: R D: R E: B F: B G: B H: B
4	TERMINAL-S	C2680 2/1H 0.5t	4	2P347	Sn -PLATING
3	TERMINAL-L	C2680 2/1H 0.5t	4	2P346	Sn -PLATING
2	SPRING	SPW ø0.55t	4	1SP804N	RUSTPROOF-TREATMENT
1	BASE	ABS 94HB	1	2M837	BLACK

VIMEX INTERNATIONAL CORPORATION

SCALE 1/1 DIMENSION m/m

REVISION	DRAWING	CHECKED	APPROVED	NAME TITLE	PUSH TER' BOARD(8P)
1.0	L.M.S		大隆 開發 全型版	DRAWING NUMBER	PB082032 1 P
	1998.5.4	1998.5.4	1998.5.4		

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PUSH TERMINAL SPECIFICATION DATE : 1989. 7. 20	DRAWING	CHECK	APPROVAL	SPEC NO.
				DR-1001

1. Structure for apperance

A-1) Measure with external form: It shall be treated the same as an appearance drawing.
A-2) Quality of material: Refer to parts of drawing.
A-3) Condition: The apperance condition shall be without crack, rough, dirty, split.

2. Rating: AC 60V 7A

3. Meterial application: AWG#(16-24)

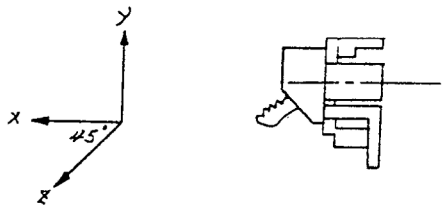
4. Scope with temperature: −10℃ ~ +60℃

5. Electrical

B-1) Dielectric Strength: AC 500V/1minute: without failure.
B-2) Contact Resistance:
Measurement Shall be between terminal to Lead line and them
Length of Lead line shall be 10-30m/m of maintenance part
: It shall be less than 30mΩ.
B-3) Insulation Resistance
Insulation Resistance shall be more than 100MΩ
When measured with a 500V DC Insulation resistance meter.

6. Mechanical

C-1) Operating force
The Knob shall be measured for operating force: 900±200g
C-2) Maintenance force
The Lead line's Maintenance force shall be measured for using UL AWG#22 line with X.Y.Z direction. It shall be More than X=0.8kg, Y=1.0kg, Z=0.3kg



DATE	CORRECTION CONTENTS	DATE	CORRECTION CONTENTS

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C-3) Knob Strength
The Knob shall be capable of withstanding a force of 3kg applied in knob's operating direction for 10 seconds.
It shall be without strangeness.

C-4) Terminal Strength.
The terminal shall be capable of withstanding a force of 1kg applied in any direction for 10 seconds without leaving and break down.

C-5) Tap Strength
When using the duplication Tapping screw of M3*8, applied in 6kgf.
Torque for 10 seconds : without destruction race.

C-6) Endurance
Endurance shall be measured after 500 cycles at a rate of 40 cycles per minute under no Insertion: At the conclusion of this test, Terminal shall comply with paragraphs B-1,2,3, C-1,2 and be in operating condition.

7. Environmental

D-1) Humidity test
The Termimal shall be exposed in a humidity chamber at a temperature of 40 ±2℃ and at a relative humity of 90 to 95% for a peried of 48 hours, shall then be returned to a room ambients dewdrops on the surface of terminal shall be blown off thereafter, the terminal shall be allowed to remain in a room ambient for 30 minute to stabilize measurement.
At the conclusion of this the terminal shall comply with paragraph B-1,2 and insulation resistance shall be more than 50MΩ.

D-2) Heat test
The Terminal shall be subjected to a temperature of 70℃±2℃ for a period of 24 hours, then shall be allowed to remain in a room ambient condition for 30 minute. At the conclusion of this test, shall comply with paragraph B-1,2,3,C-2,4.

D-3) Resistance to soldering heat test.
The push Terminal shall be dipped in solder at a temperature of 230℃±5℃ for a period of 3±0.5 seconds.

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DATE	CORRECTION CONTENTS	DATE	CORRECTION CONTENTS

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