Feature -

small size
bi-color LED illuminated available
right angle and vertical PCB terminal
SPDT, DPDT, lock / non-lock function

Application -

consumer products
computer products
instrumentation
communication equipments

▶ SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	1P2T , 2P2T LOCK / NON-LOCK Action with LED
CONTACT RATING	30 VDC , 0.1A / 5 VDC , 0.1mA
CONTACT RESISTANCE	50 mΩ MAX. 1.5 V DC ; 100 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	250 ± 100 gf
OPERATING LIFE	50,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	TRAVEL - 0.7 ± 0.3 mm FULL TRAVEL - 1.5 ± 0.3 mm

LED SPECIFICATIONS							
ATTENTION (+) (-) LEDs are Electrostatic Sensitive devices		Unit	Value / LED Color				
			Blue	Green	Red	White	Yellow
FORWARD CURRENT	If	mA	10	20	20	2	20
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0	5.0
REVERSE CURRENT	Ir	μA	10	10	10	10	10
FORWARD VOLTAGE	Vf	V	@ 10mA 3.0-4.0	2.1-2.5	2.0-2.5	@ 2mA 2.8-4.0	2.0-2.5
LUMINOUS INTENSITY	Iv	mcd	@ 10mA 200	800	1800	@ 2mA 12	1800

■ Physical and electrical information of LED will be provided upon customer's request on switches .

▶ HOW TO ORDER

PS004	–	L	2	2	N	P	X	X	X		U	G	X	X

OPERATION

N	NON-LOCK (std.)
L	LOCK TYPE
T	TACTILE

POSITION

2	2 POSITION (std.)

TERMINAL

P	P.C.B TYPE (std.)
R	RIGHT ANGLE TYPE
R1	RIGHT ANGLE TYPE 1
R2	RIGHT ANGLE TYPE 2
R3	RIGHT ANGLE TYPE 3
R4	RIGHT ANGLE TYPE 4

HOUSING COLOR

K	BLACK (std.)
G	GRAY
W	WHITE
X	WITHOUT

CAP SYMBOL
Please refer to appendix 1(knob)
For example

K3	PK3:Printing
	K3:Laser carving
E1	PE1:Printing
	E1:Laser carving
□	WITHOUT

LED COLOR

B	BLUE
G	GREEN
R	RED
W	WHITE
Y	YELLOW
X	WITHOUT

LED COLOR

B	BLUE
G	GREEN
R	RED
W	WHITE
Y	YELLOW
X	WITHOUT

POLE

2	2 POLE (std.)
1	1 POLE

TIMING

N	NON - SHORTING (std.)

FRAME

X	WITHOUT
S1	SQUARE
S2	SQUARE
S2H	SQUARE
S3	SQUARE
R1	ROUND
R1A	ROUND
R2	ROUND
R2.1	ROUND
R2H	ROUND
R2A	ROUND H=6.2
R2B	ROUND H=7.2
R2C	ROUND
R2D	ROUND
R3	ROUND

CAP COLOR

T	Transparent (std.)
X	WITHOUT
N	GREEN
R	RED
Y	YELLOW
B	BLUE
S	SILVER

LED BRIGHTNESS

U	ULTRA (std.)
R	REGULAR
X	WITHOUT

LED BRIGHTNESS

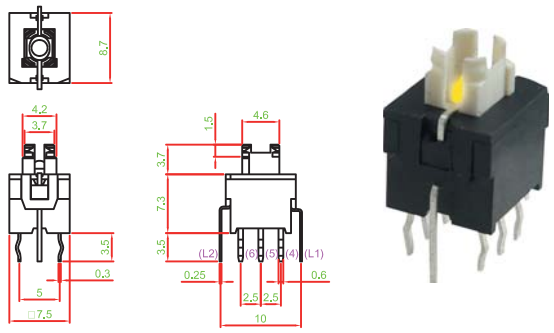
U	ULTRA (std.)
R	REGULAR
X	WITHOUT

WELL BUYING INDUSTRIAL CO., LTD. Pb LEAD FREE

WELL BUYING INDUSTRIAL CO., LTD. RoHS COMPLIANT 2002/95/EC

DIMENSION

PS004-L22NPXXX□□□□



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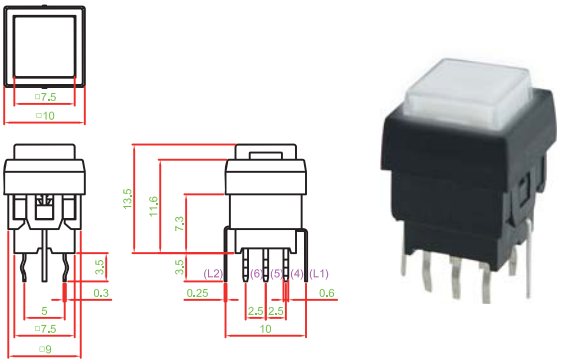

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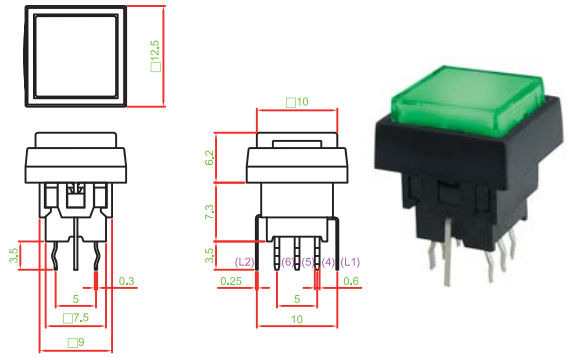

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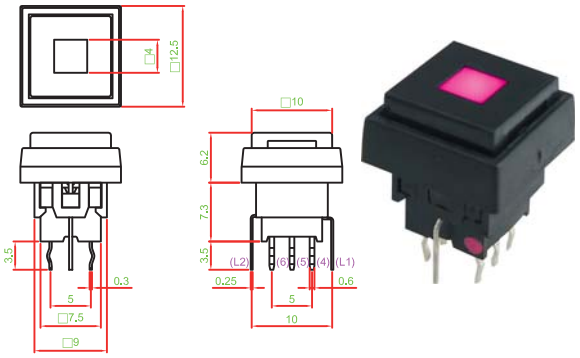

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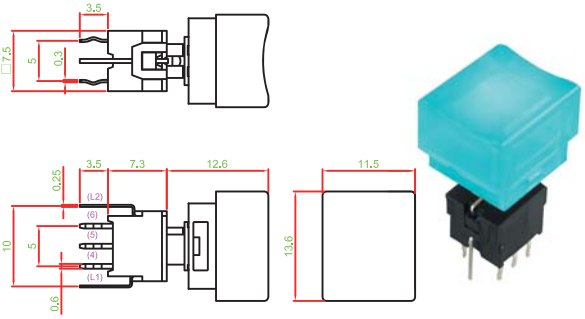

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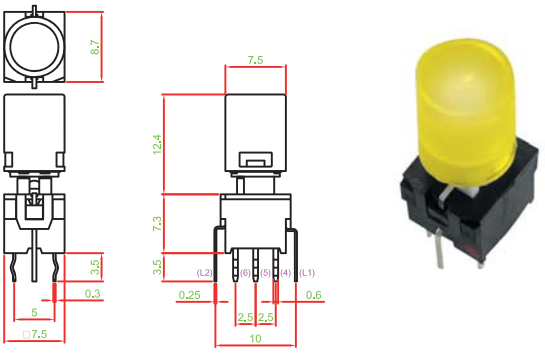

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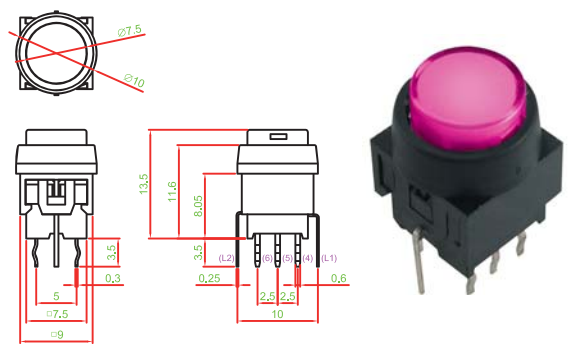

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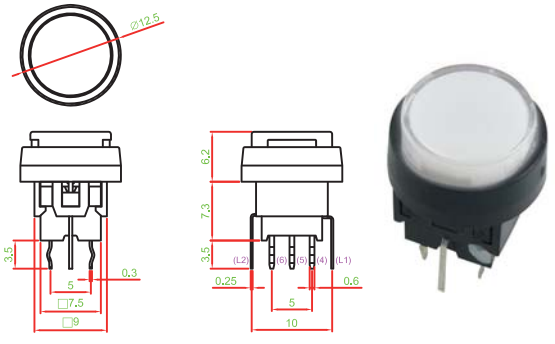

DIMENSION

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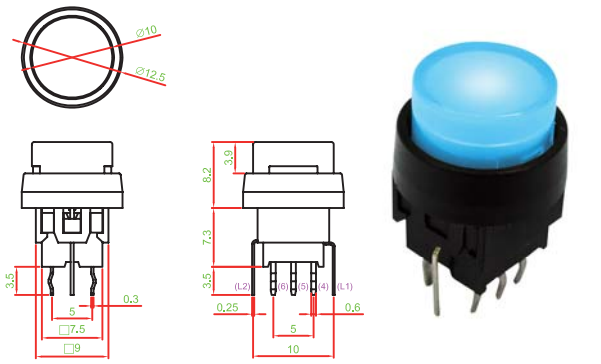

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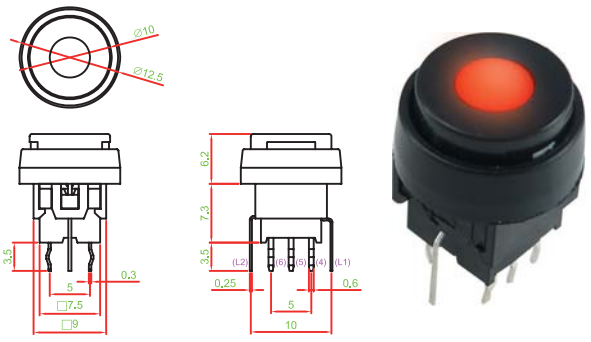

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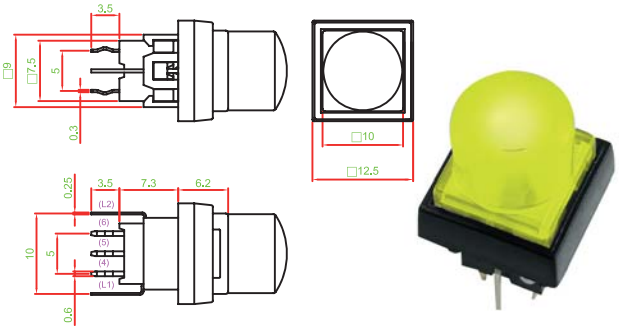

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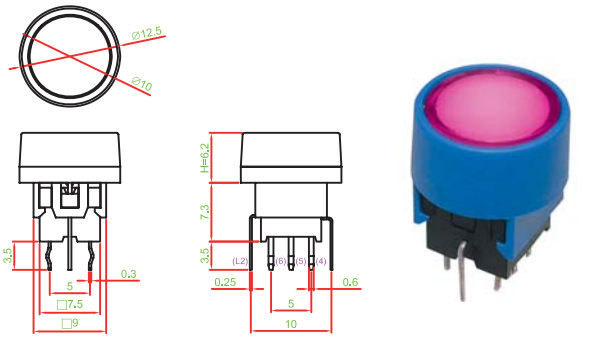

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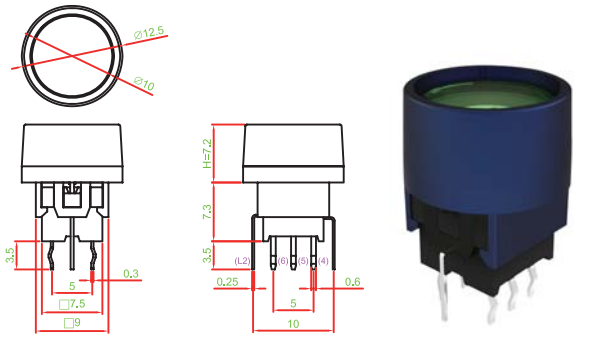

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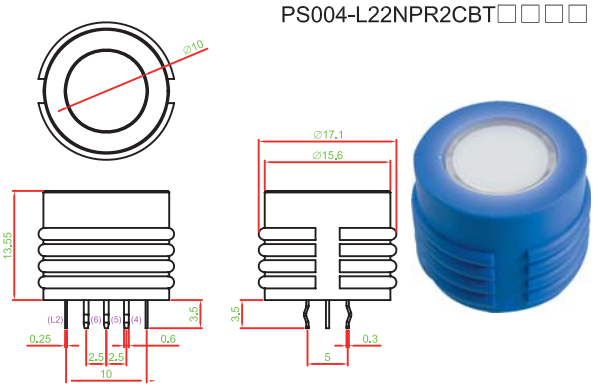

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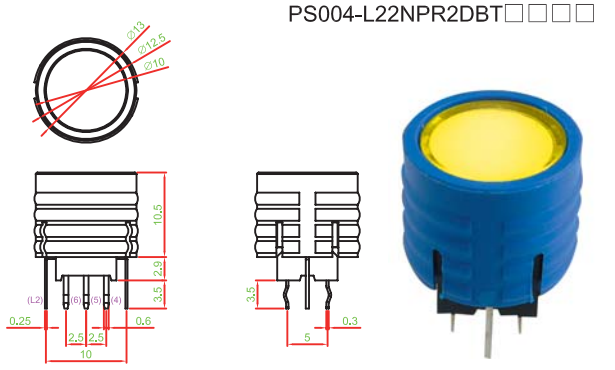

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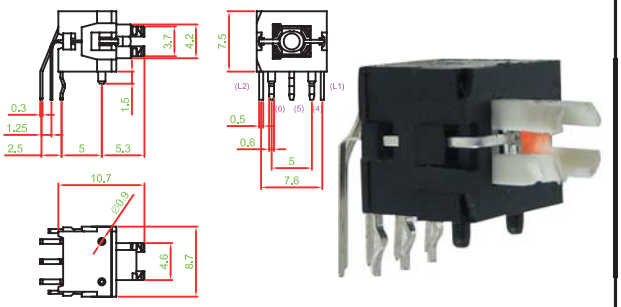

DIMENSION

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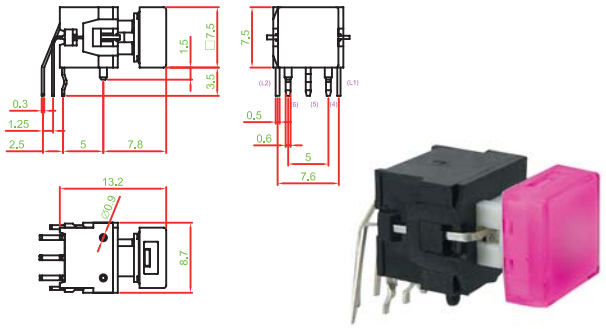

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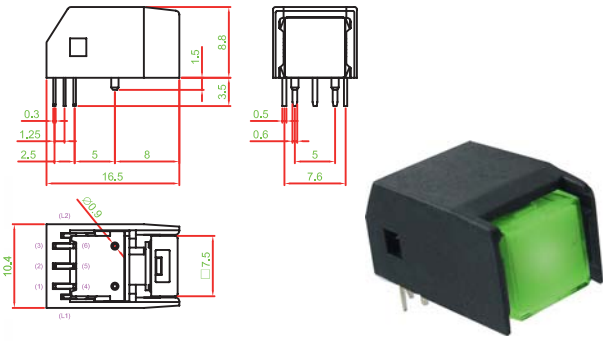

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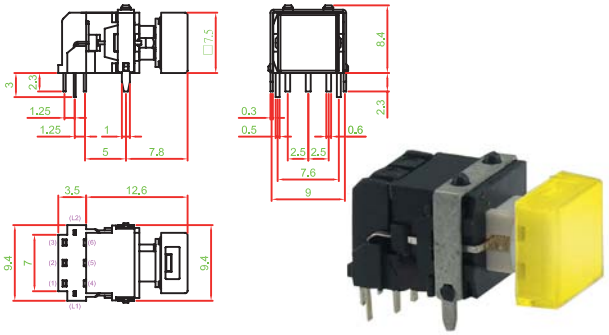

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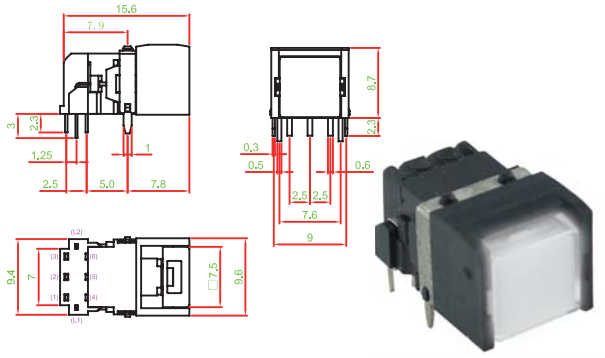

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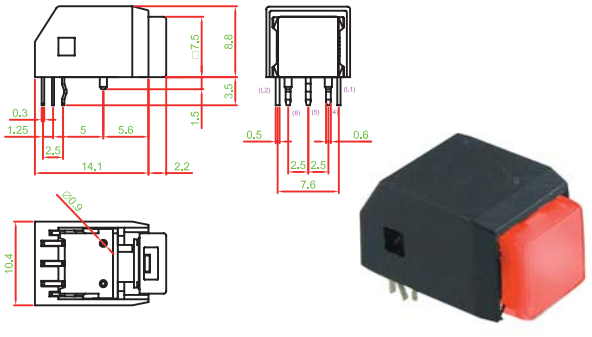

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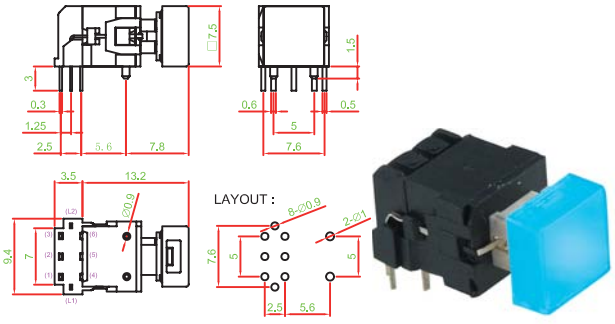
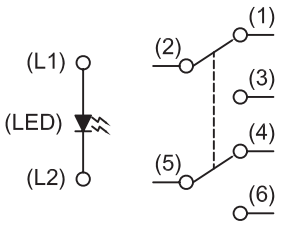
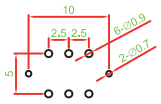


CIRCUIT DIAGRAM

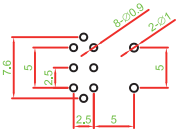


P.C.B. LAYOUT

STANDARD TYPE



RIGHT ANGLE TYPE



MATERIAL

- FRAME : PA + GF
- ACTUATOR : PA + GF
- BASE : PA + GF
- TERMINAL : BRASS ; SILVER PLATING
- SPRING : STAINLESS STEEL

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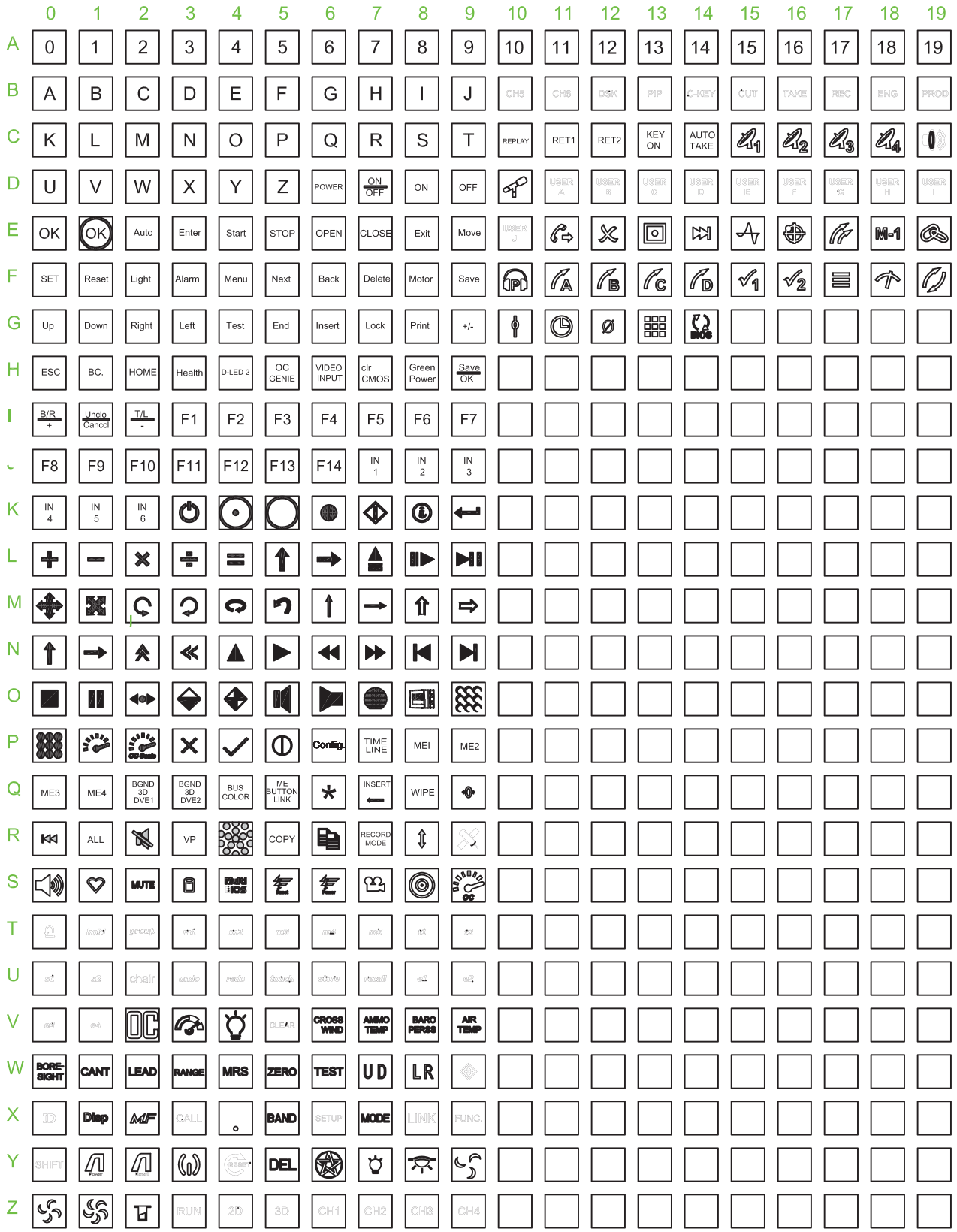
WB®

CAP SYMBOL



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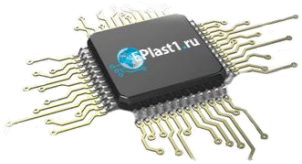
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.