

FILE: 2020-D01VUL0					
REV	EC.N NO.	CONTENT		CHK	DATE

NOTES1:
UL Standard
1. Rating voltage/current: 300V//8A
2. withstanding voltage: AC1600V/1Min
IEC Standard

1.

Pollution Degree	3	2	2
Overvoltage Category	III	III	II
Rate Impulse Voltage(KV)	2.5KV	2.5KV	2.5KV
Rate Voltage(V)	160V	160V	250V
Rate Current(A)	8A	8A	8A

- NOTES2:
1.Housing: PA66(UL94V-0)
2.Solder Pin: Brass(Sn Plated)

- NOTES3:
1.Pitch: 3.81mm Poles: 2x(02-24)P
2.Operating temperature: -40℃~+105℃
3.RoHS Compliance

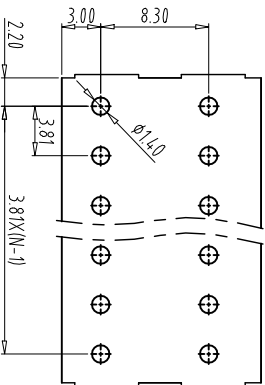
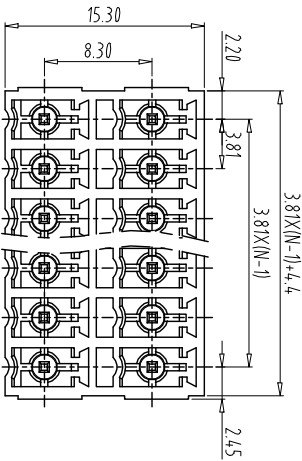
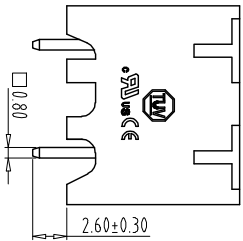
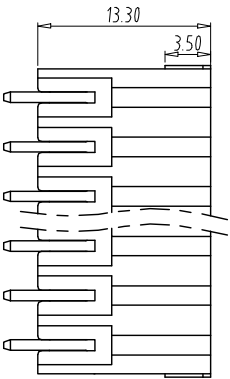
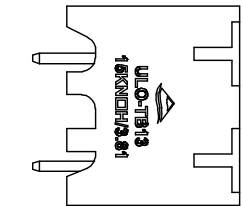
How to order
UL0-TB13 - 15KNVH/381 - XXP - Y 0 0 0A

Certificate Factory poles

Series NO. Code

Customer requirements

color:
1:Grey 2:Blue 3:Black
4:Green 5:Orange 6:Red
7:transparent 8:Yellow 9:White



PCB Layout

Total Pitch Tolerances		Nominal dimension range					
in mm		in mm					
over	over	over	over	over	over	over	over
0	30	53	70	90	115	150	200
to	to	to	to	to	to	to	to
30	53	70	90	115	150	200	250
to	to	to	to	to	to	to	to
53	70	90	115	150	200	250	320
to	to	to	to	to	to	to	to
70	90	115	150	200	250	320	400
to	to	to	to	to	to	to	to
90	115	150	200	250	320	400	500
to	to	to	to	to	to	to	to
115	150	200	250	320	400	500	630
to	to	to	to	to	to	to	to
150	200	250	320	400	500	630	800
to	to	to	to	to	to	to	to
200	250	320	400	500	630	800	1000
to	to	to	to	to	to	to	to
250	320	400	500	630	800	1000	1250
to	to	to	to	to	to	to	to
320	400	500	630	800	1000	1250	1600
to	to	to	to	to	to	to	to
400	500	630	800	1000	1250	1600	2000
to	to	to	to	to	to	to	to
500	630	800	1000	1250	1600	2000	2500
to	to	to	to	to	to	to	to
630	800	1000	1250	1600	2000	2500	3150
to	to	to	to	to	to	to	to
800	1000	1250	1600	2000	2500	3150	4000
to	to	to	to	to	to	to	to
1000	1250	1600	2000	2500	3150	4000	5000
to	to	to	to	to	to	to	to
1250	1600	2000	2500	3150	4000	5000	6300
to	to	to	to	to	to	to	to
1600	2000	2500	3150	4000	5000	6300	8000
to	to	to	to	to	to	to	to
2000	2500	3150	4000	5000	6300	8000	10000
to	to	to	to	to	to	to	to
2500	3150	4000	5000	6300	8000	10000	12500
to	to	to	to	to	to	to	to
3150	4000	5000	6300	8000	10000	12500	16000
to	to	to	to	to	to	to	to
4000	5000	6300	8000	10000	12500	16000	20000
to	to	to	to	to	to	to	to
5000	6300	8000	10000	12500	16000	20000	25000
to	to	to	to	to	to	to	to
6300	8000	10000	12500	16000	20000	25000	31500
to	to	to	to	to	to	to	to
8000	10000	12500	16000	20000	25000	31500	40000
to	to	to	to	to	to	to	to
10000	12500	16000	20000	25000	31500	40000	50000
to	to	to	to	to	to	to	to
12500	16000	20000	25000	31500	40000	50000	63000
to	to	to	to	to	to	to	to
16000	20000	25000	31500	40000	50000	63000	80000
to	to	to	to	to	to	to	to
20000	25000	31500	40000	50000	63000	80000	100000
to	to	to	to	to	to	to	to
25000	31500	40000	50000	63000	80000	100000	125000
to	to	to	to	to	to	to	to
31500	40000	50000	63000	80000	100000	125000	160000
to	to	to	to	to	to	to	to
40000	50000	63000	80000	100000	125000	160000	200000
to	to	to	to	to	to	to	to
50000	63000	80000	100000	125000	160000	200000	250000
to	to	to	to	to	to	to	to
63000	80000	100000	125000	160000	200000	250000	315000
to	to	to	to	to	to	to	to
80000	100000	125000	160000	200000	250000	315000	400000
to	to	to	to	to	to	to	to
100000	125000	160000	200000	250000	315000	400000	500000
to	to	to	to	to	to	to	to
125000	160000	200000	250000	315000	400000	500000	630000
to	to	to	to	to	to	to	to
160000	200000	250000	315000	400000	500000	630000	800000
to	to	to	to	to	to	to	to
200000	250000	315000	400000	500000	630000	800000	1000000
to	to	to	to	to	to	to	to
250000	315000	400000	500000	630000	800000	1000000	1250000
to	to	to	to	to	to	to	to
315000	400000	500000	630000	800000	1000000	1250000	1600000
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400000	500000	630000	800000	1000000	1250000	1600000	2000000
to	to	to	to	to	to	to	to
500000	630000	800000	1000000	1250000	1600000	2000000	2500000
to	to	to	to	to	to	to	to
630000	800000	1000000	1250000	1600000	2000000	2500000	3150000
to	to	to	to	to	to	to	to
800000	1000000	1250000	1600000	2000000	2500000	3150000	4000000
to	to	to	to	to	to	to	to
1000000	1250000	1600000	2000000	2500000	3150000	4000000	5000000
to	to	to	to	to	to	to	to
1250000	1600000	2000000	2500000	3150000	4000000	5000000	6300000
to	to	to	to	to	to	to	to
1600000	2000000	2500000	3150000	4000000	5000000	6300000	8000000
to	to	to	to	to	to	to	to
2000000	2500000	3150000	4000000	5000000	6300000	8000000	10000000
to	to	to	to	to	to	to	to
2500000	3150000	4000000	5000000	6300000	8000000	10000000	12500000
to	to	to	to	to	to	to	to
3150000	4000000	5000000	6300000	8000000	10000000	12500000	16000000
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4000000	5000000	6300000	8000000	10000000	12500000	16000000	20000000
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5000000	6300000	8000000	10000000	12500000	16000000	20000000	25000000
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6300000	8000000	10000000	12500000	16000000	20000000	25000000	31500000
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8000000	10000000	12500000	16000000	20000000	25000000	31500000	40000000
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10000000	12500000	16000000	20000000	25000000	31500000	40000000	50000000
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12500000	16000000	20000000	25000000	31500000	40000000	50000000	63000000
to	to	to	to	to	to	to	to
16000000	20000000	25000000	31500000	40000000	50000000	63000000	80000000
to	to	to	to	to	to	to	to
20000000	25000000	31500000	40000000	50000000	63000000	80000000	100000000
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25000000	31500000	40000000	50000000	63000000	80000000	100000000	125000000
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31500000	40000000	50000000	63000000	80000000	100000000	125000000	160000000
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to	to	to	to	to	to	to	to
50000000	63000000	80000000	100000000	125000000	160000000	200000000	250000000
to	to	to	to	to	to	to	to
63000000	80000000	100000000	125000000	160000000	200000000	250000000	315000000
to	to	to	to	to	to	to	to
80000000	100000000	125000000	160000000	200000000	250000000	315000000	400000000
to	to	to	to	to	to	to	to
100000000	125000000	160000000	200000000	250000000	315000000	400000000	500000000
to	to	to	to	to	to	to	to
125000000	160000000	200000000	250000000	315000000	400000000	500000000	630000000
to	to	to	to	to	to	to	to
160000000	200000000	250000000	315000000	400000000	500000000	630000000	800000000
to	to	to	to	to	to	to	to
200000000	250000000	315000000	400000000	500000000	630000000	800000000	1000000000
to	to	to	to	to	to	to	to
250000000	315000000	400000000	500000000	630000000	800000000	1000000000	1250000000
to	to	to	to	to	to	to	to
315000000	400000000	500000000	630000000	800000000	1000000000	1250000000	1600000000
to	to	to	to	to	to	to	to
400000000	500000000	630000000	800000000	1000000000	1250000000	1600000000	2000000000
to	to	to	to	to	to	to	to
500000000	630000000	800000000	1000000000	1250000000	1600000000	2000000000	2500000000
to	to	to	to	to	to	to	to
630000000	800000000	1000000000	1250000000	1600000000	2000000000	2500000000	3150000000
to	to	to	to	to	to	to	to
800000000	1000000000	1250000000	1600000000	2000000000	2500000000	3150000000	4000000000
to	to	to	to	to	to	to	to
1000000000	1250000000	1600000000	2000000000	2500000000	3150000000	4000000000	5000000000
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1250000000	1600000000	2000000000	2500000000	3150000000	4000000000	5000000000	6300000000
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1600000000	2000000000	2500000000	3150000000	4000000000	5000000000	6300000000	8000000000
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2000000000	2500000000	3150000000	4000000000	5000000000	6300000000	8000000000	10000000000
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2500000000	3150000000	4000000000	5000000000	6300000000	8000000000	10000000000	12500000000
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3150000000	4000000000	5000000000	6300000000	8000000000	10000000000	12500000000	16000000000
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5000000000	6300000000	8000000000	10000000000	12500000000	16000000000	20000000000	25000000000
to	to	to	to	to	to	to	to
6300000000	8000000000	10000000000	12500000000	16000000000	2000		