

GOLD POINT INT'L LIMITED

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Electronic Ballast Electrical Rating

Applicant: GOLD POINT INT'L LIMITED

Product Name: Electronic Ballast

Model:DW005

Lamp Type: 2 PCES PLC LAMP 13W

Components		Type	Rating
1	D1,D2,D3,D4	IN4007	1A/1KV
2	Z1	BZ55	4.3V/0.5W
3	D5	IN4148	1A/50V
4	M1, M2	S4N60	$I_{DS}=4A, V_{DSO} \geq 600V$
5	R1	CR	110K Ω /0.25W
6	R2, R3	CR	10 Ω /0.25W
7	R4	CR	1K Ω /0.25W
8	C8	TRB	33uF /200V,105℃
9	C5	TRB	22uF /25V,105℃
10	C1	CL21	47 nF /250V,105℃
11	C2,	CT81BN	4.7 nF /1KV,105℃
12	C3	CT81BN	4.7nF/2KV,105℃
13	C4	CBB81	2.2 nF/1.6KV,125℃
14	C6,C7	CBB81	820PF/1.6KV,125℃
15	L1	$L_{N1}=2.0mH$,Size: $\Phi 8 \times 10$ Wire:N1:0.18mm,120turns	
16	L2	$L_{N1}=2.8mH$,Size: $13.5 \times 13.5 \times 12.5$ Wire:N1:0.27mm,150turns	
17	TR1	$L_{N3}=3.5mH$,Size: $30 \times 30 \times 22$ Wire:N3:0.4mm,136turns	
18	Enclosure Material	Galvanized sheet steel	