

GOLD POINT INT'L LIMITED

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Electronic Ballast Electrical Rating

Applicant: GOLD POINT INT'L LIMITED

Product Name: Electronic Ballast

Model: DW004 / DW006

Lamp Type: 3 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	T1,T2	S3N80	$I_{DS}=3A, V_{DSO} \geq 800V$
5	R1	CR	110K Ω /0.25W
6	R2, R3	CR	10 Ω /0.25W
7	R4	CR	1K Ω /0.25W
8	E1	TRB	33uF /200V,105℃
9	C5	TRB	22uF /25V,105℃
10	C1	CL21	100 nF /250V,105℃
11	C2,	CT81BN	3.3 nF /1KV,105℃
12	C3	CT81BN	3.3nF/2KV,105℃
13	C4	CBB81	2.2 nF/1.6KV,125℃
14	C5,C7,C8	CBB81	820PF/1.6KV,125℃
15	L1	$L_{N1}=L_{N2}=6.0mH$,Size:19.5×19.5×18.5 Wire:N1:0.27mm,150turns N2:0.27mm,150turns	
16	L3	$L_{N1}=2.8mH$,Size:19.5×19.5×18.5 Wire:N1:0.27mm,150turns	
17	L2	$L_{N3}=4.0mH$,Size:28×34×25 Wire:N3:0.4mm,136turns	
18	Enclosure Material	Galvanized sheet steel	