

YJD106506DQG2Q

Typical Applications

Typical applications are in power inverter, uninterruptible power supplies, automotive battery chargers.

Mechanical Data

- Package: TO-252
- Molding compound meets UL 94 V-0 rating, RoHS-compliant, halogen-free
- Terminals: Tin plated leads
- Polarity: As marked

Maximum Ratings (Tc=25°C Unless otherwise specified)

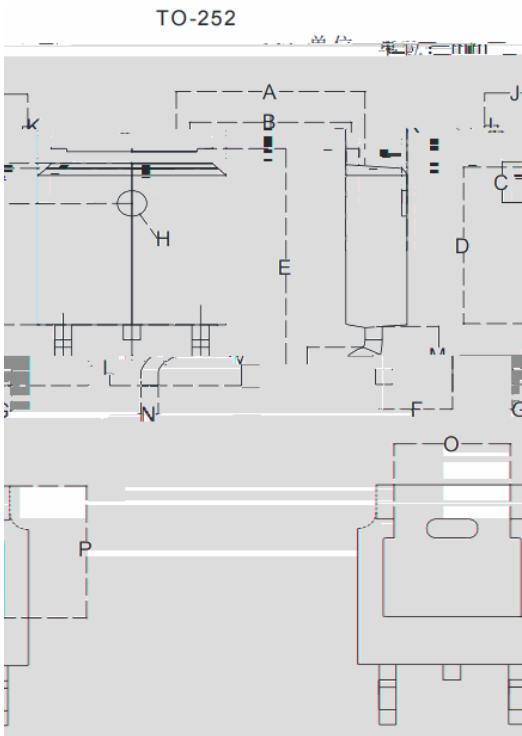
PARAMTETER	SYMBOL	UNIT	VALUE
Device marking code			D106506DQG2
Reverse voltage (repetitive) @ 25°C	V_{RRM}	V	650
Reverse voltage (Surge Peak) @ 25°C	V_{RSM}	V	650
Reverse voltage (DC) @ 25°C	V_{DC}	V	650
Continuous forward current @ T		A	23
Continuous forward current @ T			11

Continuous forward current @ T





Outline Dimensions



TO-252		
Dim	Min	Max
A	6.500	6.700
B	5.100	5.460
C	1.400	1.800
D	6.000	6.200
E	10.000	10.400
F	2.166	2.366
G	0.660	0.860
H	Φ1.050	Φ1.350
I	0.460	0.580
J	2.200	2.400
K	0	0.300
L	0.890	2.290
M	2.280	2.700
N	0.430	0.580
O	4.20	4.95
P	5.45	5.45



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