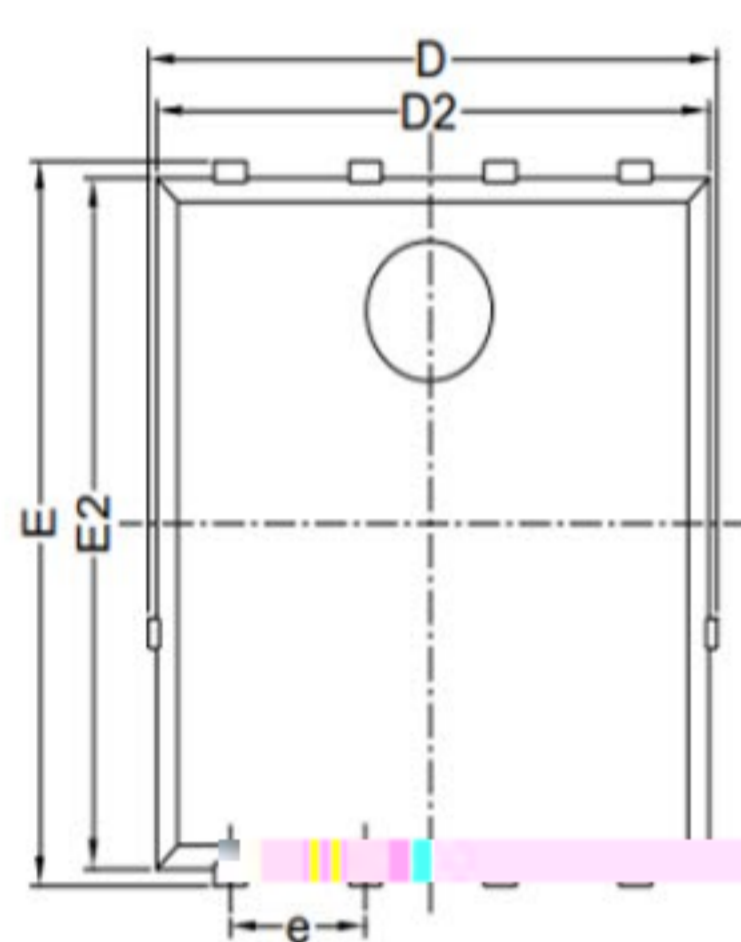
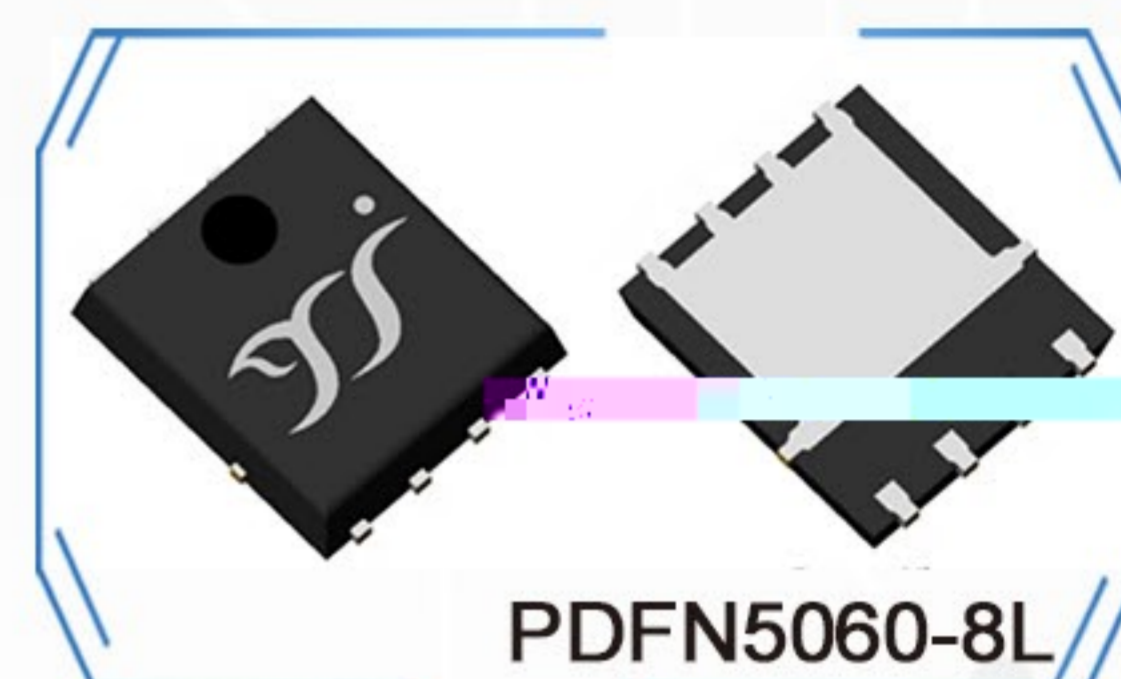


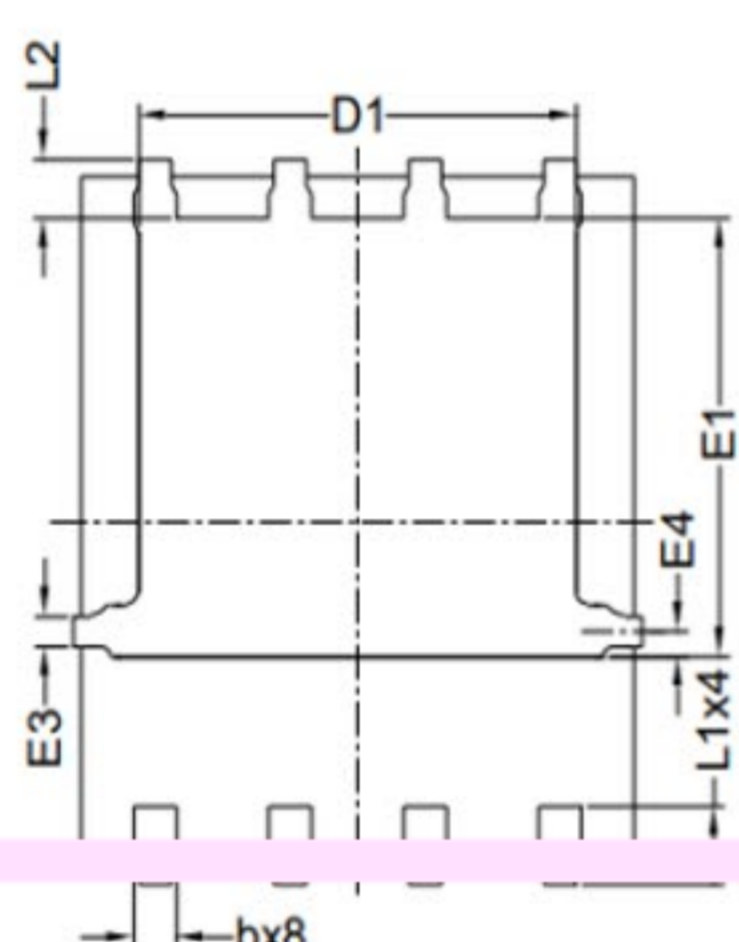
N40V SGT MOSFETS for Sweeper

Product Introduction

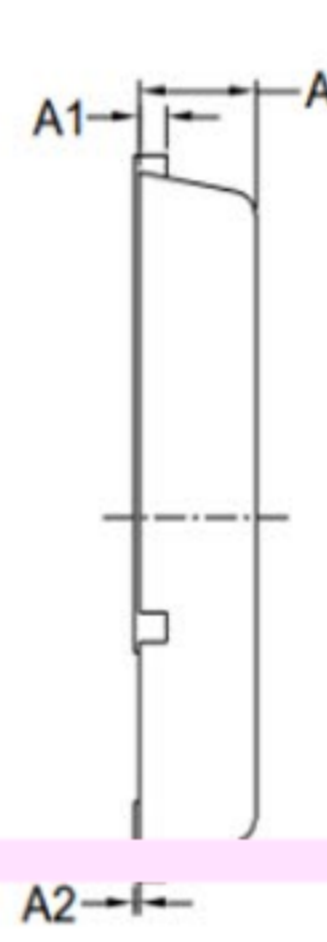
1. The product adopts PDFN5060-8L package, which is more suitable for compact design than TO252 package;
2. The product has the characteristics of strong over-current capability, low thermal resistance and wider range of SOA
3. Suitable for motor drive applications;
4. Special design for body diode, with better EMI characteristics.



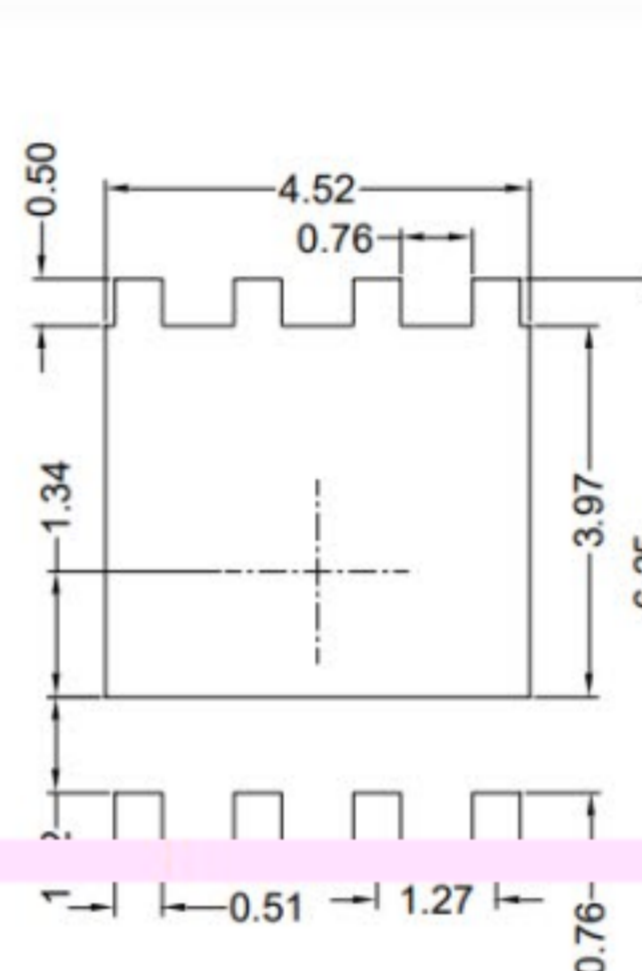
Top View
正面视图



Bottom View
背面视图



Side View
侧面视图



Suggested Solder Pad Layout
Top View

SYMBOL	MILLIMETER		
	MIN	NOM	MAX
D	5.15	5.35	5.55
E	5.95	6.15	6.35
A	1.00	1.10	1.20
A1	0.254 BSC		
A2			0.10
D1	3.92	4.12	4.32
E1	3.52	3.72	3.92
D2	5.00	5.20	5.40
E2	5.66		
E3	0.254 REF		
E4	0.21 REF		
L1	0.254 BSC		
L2	0.50 BSC		
h	0.31	0.41	0.51
e	0.254 BSC		

Note:
1. Controlling dimension: in millimeters.
2. General tolerance: ± 0.10 mm.
3. The pad layout is for reference purposes only.

Electrical Parameters

P/N	Package	Vds (V)	ID (A)	Vth (V) typ.	Rds10V (m Ω m) typ.	Rds10V (m Ω m) max.	Qg10V (nC) typ.	N/P	Tj (°C)
YJG80G04B	PDFN5060-8L	40	80	3.0	2.0	2.6	87	N	-55~+150

Please Refer To The Official Website For More Details

Application



■ Sweeper