

BRCS080N10SBD
Rev.A Jun.-2024



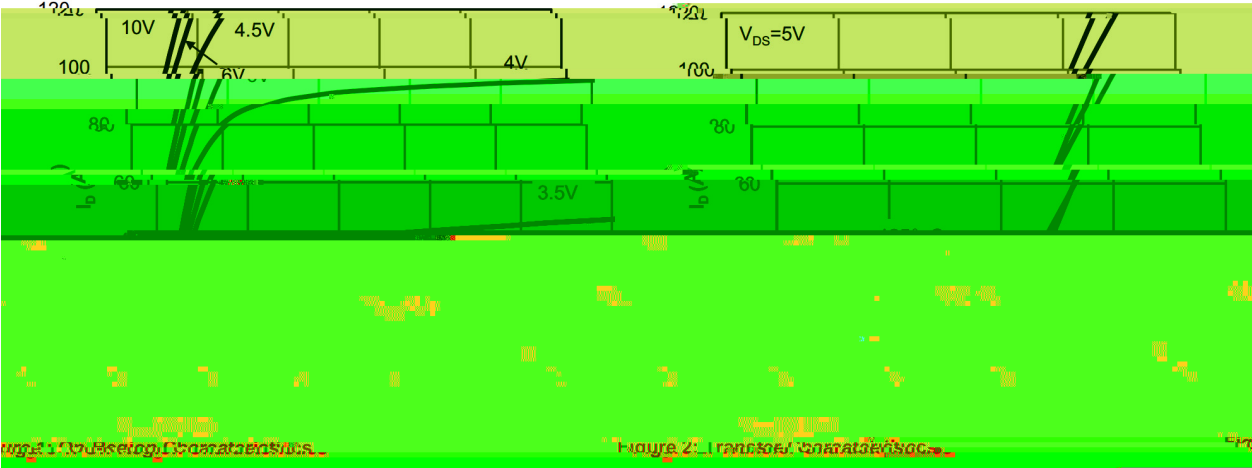
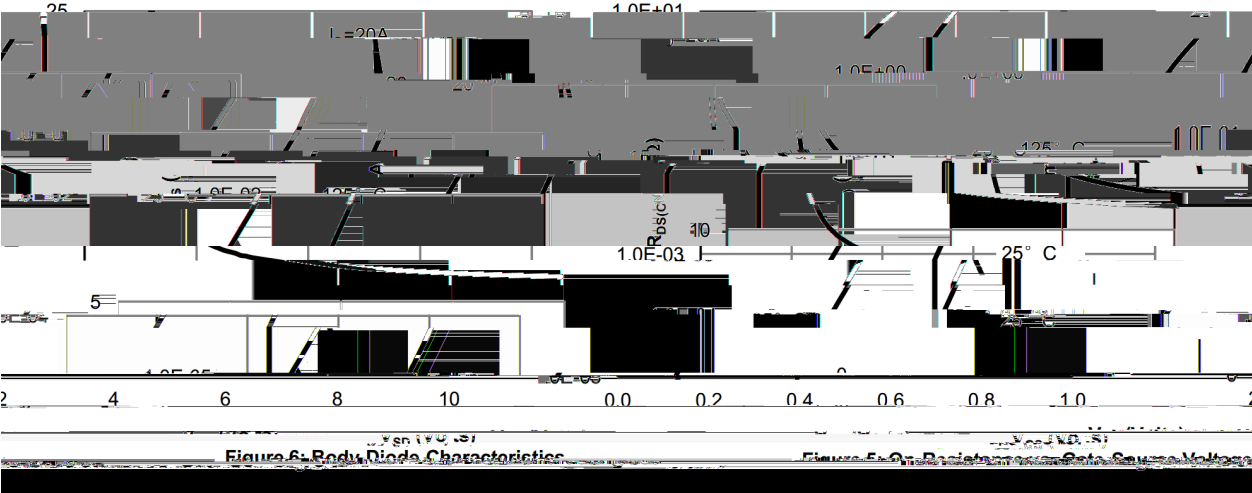
DATA SHEET

TO-263 8s

@ f Parameter	... Z Symbol	f > Rating	% y Unit
Drain-Source Voltage	V _{DSS}	100	V

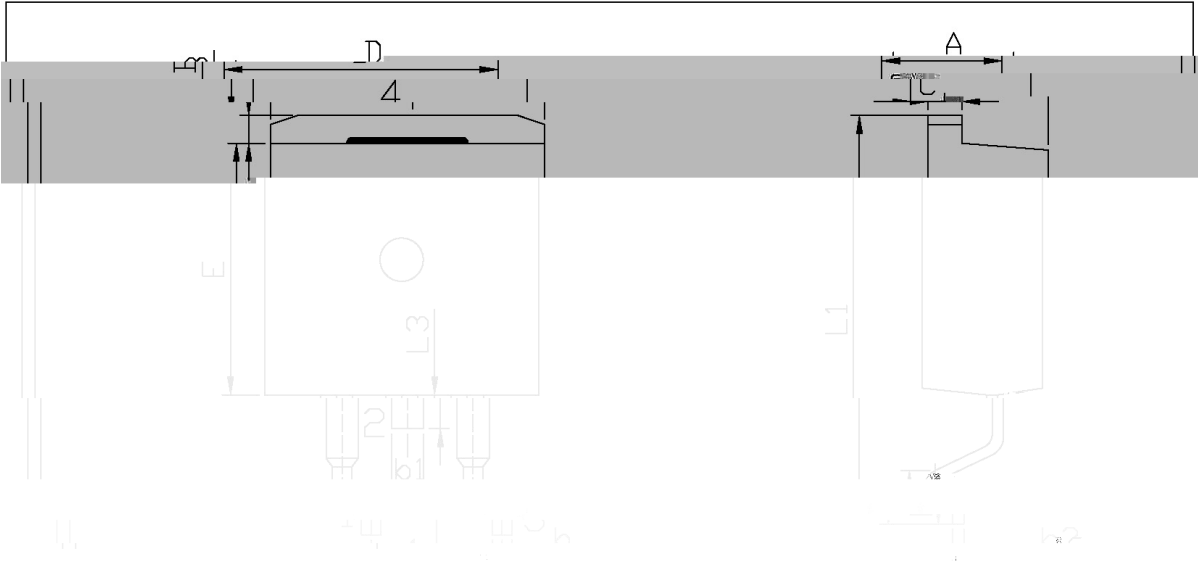
@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Turn-On Delay Time	t _{d(on)}	V _{GS} =10V V _{DS} =50V R _L =2.5 R _{GEN} =3		11		ns
Turn-On Rise Time	t _r			4		
Turn-Off Delay Time	t _{d(off)}			32		

Electrical Characteristic Curve



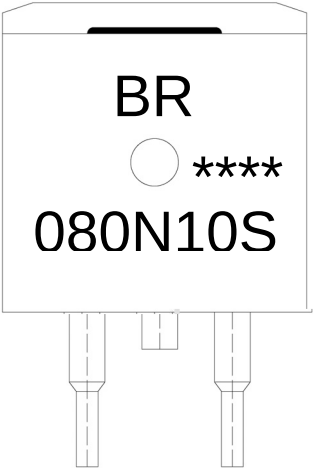


Ø □ =) ☎ / Package Dimensions



Max	Min	Max	Min
9.40	4.30	4.70	9.00
2.74	1.00	1.40	2.24
42.88	82.26	62.16	62.26
15.00	16.00	b1	1.15
			1.35
			1.1
		D	9.80
			10.20
			TP-263

, M y f / Marking Instructions



a ϕ y
(8 y , [W A
4 9 y ° Z W A
y ÿ D Z W A k š ÿ D Z J

Note:
BR: Company Code
080N10S: Product Type Code
****: Lot No. Code, code change with Lot No

šWD t...•Ž¢ (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

^a¢y

- 10•Ä½“† 150½180 - kž• 60½90sec;
- 20•Q>“† 245 r5 - kž•4 Ò 5 r0.5sec;
- 30•D Nò i Ò 0 ,† 2½10 - /sec.

Note:

- 1.Preheating:150~180 - , Time:60~90sec.
- 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

605 r5 - (/ -5.7(Pa)5.1B(0)5.1266(SB)5.0714(F4.3/1B5)03.4485 32.3713 TD .0004 Tc -35.6 5309:602
f f 1ç