

**Description**

V@^AYÙØG€ÍÁ~•^•Áæáçæ}&^ááç!^}&@Áç^&@} [[ \* ^ Á æ } ááá^•á\* } Áç [ Á ] ! [ çáá^Á^ø&^||^ } çÁÜÖÙÇUÞDÁ , áç@Á [[ , \* æç^Á&@æ! ^ÉÁççÁ&æ } Áà^Á~•^ááá } ÁæÁ , áá^Áçæ!á^ç^Á [-Áæ ] ]á&æçá [ } •É

**General Features**

- Pá\* @Áá^ } •áç^Á&^||Áá^•á\* } Á- [ !Á~|ç!æá| [ , ÁÜá• [ }
- Ø~||^Á&@æ!æ&ç^!á: ^ááæçæ!æ } &@^Áç [ |çæ^Áæ } ááá~!!^ } ç
- Òø&^||^ } çÁ ] æ& \æ^Á- [ !Á\* [ [ áá^Áæçááá•á ] æçá [ }

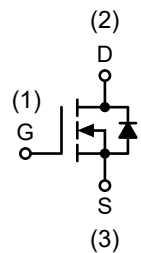
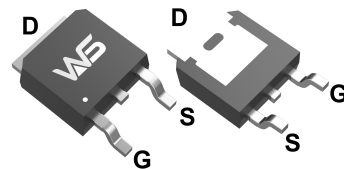
**DfcXiWh'Gi a a Yfm**

<b>6J8GG</b>	<b>F8GCB</b>	<b>=8</b>
G0V	HÈ5mΩ	Î0A

**Application**

- Ú [ , ^!Á• , áç&@á } \*Áæ ] ]á&æçá [ }
- Pæ!áá• , áç&@^á
- W}á } ç^!i~ ] çáá|Á^ [ [ , ^!Á•~ ] ]|^

**TO-252-2L Pin Configuration**



**Absolute Maximum Ratings (T<sub>c</sub>=25 °C, unless otherwise noted)**

Symbol	Parameter	Limit	Unit
XÖÙ	Ö!æá } ÈÜ [ ~!&^ÁX [  çæ*^	G€	X
XÕÙ	Öæç^ÈÜ [ ~!&^ÁX [  çæ*^	†FG	X
QÖ	Ö!æá } ÁÖ~!!^ } çÈÖ [ ] çá } ~ [ ~•	î€	œ
QÖE	Ö!æá } ÁÖ~!!^ } çÈÖ [ ] çá } ~ [ ~•	VÔMF€€°C	íg
QÖT	Ú~ •^ááÖ!æá } ÁÖ~!!^ } ç	HG€	œ
ÚÖ	Tæøá { ~ { ÁÚ [ , ^!ÁÖá•á ] æçá [ }	ìH	Y
	Ö^!æçá } *Á-æ&ç [ !	€Éí	YÞ°C
ÒÇÈÙ	Ùá } * Á^ ] ~ •^Áæçæ!æ } &@^Á^ } ^! * ^ Áç Þ [ ç^Á ÍD	Gí€	{R
VRÈVÙVÕ	U ] ^!æçá } *ÁR~ } &çá [ ] Áæ } ááÙç [ !æ^ÁV^ { ] ^!æç~!^ÁÜæ } *^	ÉíÁV [ ÁFíí	°C

**Thermal Characteristic**

Ü RÖ	V@^! { æ ÁÜ^•á•çæ } &^ÉR~ } &çá [ ] Èç [ ÈÖæ•^ÇÞ [ ç^ÁGD	FÈí	°CÞY
------	--	-----	------

9`YwhfjWU`7\UfUWhYfjghjWg`flH71&) `C, i b`Ygg`ch\Yf k]gY`bchYXL

Gm a Vc`	DUFU a YhYf	7cbX]h]cb	A]b	Hmd	AUI	I b]h
<b>CZ`7\UfUWhYfjghjWg</b>						
ÓXóúú	Ö!æä)ËÛ[~!&^!Ó!^æ\á[ , }ÁX[ cæ*^	XóúMEXÁóóMGÍ€ œ	G€	È	È	X
òóúú	Z^! [ÁÖæc^ÁX[ cæ*^ÁÖ!æä)ÁÖ~!!^}c	XóúMGEXÉXóúMEX	È	È	F	œ
òóúú	Öæc^ÉÓ[á^ÁÖ^æ\æ*^ÁÖ~!!^}c	XóúM†FGXÉXóúMEX	È	È	†F€€	}œ
<b>Cb`7\UfUWhYfjghjWg`çP [c^ÁHD</b>						
XóúçPçD	Öæc^ÁV@!^•@[ áÁX[ cæ*^	XóúMXóúÉóóMGÍ€ œ	€ÉÍ	€ÉÍÍ	FÉF	X
ÜóúçPçD	Ö!æä)ËÛ[~!&^!U)ËÜcæc^ÁÜ^•ä•cæ}&^	XóúMIÉÍXÉÁóóMG€œ	È	3.Í	ÍÉÍ	{ ó
		XóúMGÉÍXÉÁóóMG€œ	È	Í	ÍÉÍ	{ ó
*øú	Ø[! , æ!áÁV!æ}•&[ ]á~&cæ}&^	XóúMÍXÉóóMG€œ	G€	È	È	Ü
<b>8mbU a ]W`7\UfUWhYfjghjWg`çP [c^ÁID</b>						
Ô)••	Q} ]~çÁÖæ]æ&áæ}&^	XóúMFEXÉ	È	G€FÍ	È	ÚØ
Ô[••	U~c]~çÁÖæ]æ&áæ}&^	XóúMEXÉ	È	HJF	È	ÚØ
Ô!••	Ü^ç^!•^!ÁV!æ}•-!^!ÁÖæ]æ&áæ}&^	†MFÉ€TP:	È	FH€	È	ÚØ
<b>Gk]hW\]b[ `7\UfUWhYfjghjWg`çP [c^ÁID</b>						
cáç[ ]D	V~!}Ë[ ]ÁÖ^!æ^ÁVá { ^	XóúMFEXÉ óóMG€œ XóúMFEXÉ ÜóóMGÉÍó	È	I	È	}Ü
ci	V~!}Ë[ ]ÁÜä•^!ÁVá { ^		È	Í	È	}Ü
cáç[-D	V~!}ËU--ÁÖ^!æ^ÁVá { ^		È	Í	È	}Ü
c-	V~!}ËU--ÁÖæ]]ÁVá { ^		È	HF	È	}Ü
Ú+	V[çæ]ÁÖæc^ÁÖ@æ!*^	XóúMFEX óóMG€œÉÉ XóúMIÉÍX	È	FÍ	È	}Ó
Ú••	Öæc^ËÛ[~!&^!ÁÖ@æ!*^		È	H	È	}Ó
Ú^a	Öæc^ËÛ[~!&^!ÁÖ@æ!*^		È	I	È	}Ó
<b>8fU]b!Gc i fWY`8]cXY`7\UfUWhYfjghjWg</b>						
Xúó	Öä[á^!Ø[! , æ!áÁX[ cæ*^ÁçP [c^ÁHD	XóúMEXÉóóMG€œ	È	È	FÉG	X
Qú	Öä[á^!Ø[! , æ!áÁÖ~!!^}ççP [c^ÁGD		È	È	Í€	œ
c:]	Ü^ç^!•^!ÁÜ&[ç^!^!ÁVá { ^	VRÁMÁGÍ»ÖÉÁóóMÁMG€œ ááóóMÁMG€œ€D •çP [c^ÁHD	È	FÌ	È	}Ü
Ú:]	Ü^ç^!•^!ÁÜ&[ç^!^!ÁÖ@æ!*^		È	H€	È	}Ó

**BchYg.**

%` Ü^] ^çáç^!ÁÜæçä} \*KÁÜ~]•^! , áac@Á]á { áç^!áá^!Á { æøä { ~ { Áb~ } &cá[ ]Áç { ]^!æc~!^É

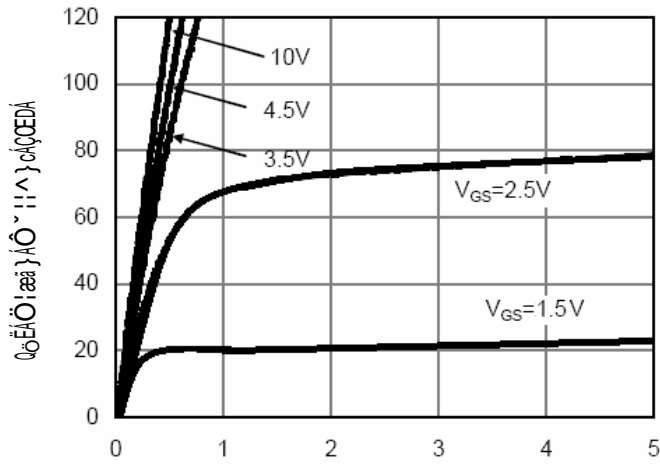
&` Ú~!-æ&^!T [ ~ ]c^!á[ ]ÁØÜIÁÓ [æ!ááçáMÁF€!•^!&É

`` Ú~!•^!ÁV^•çKÁÜ~]•^!ÁY áac@ÁMÁH€€ •ÉÁÖ~c^!ÁÖ~&^!ÁMÁGÁÉ

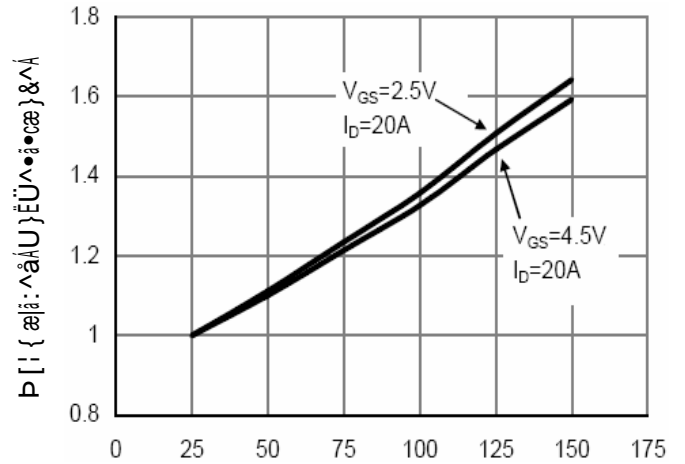
(" Ö~æ!æ}c^!áá^!Áá^!á\*}ÉÁ) [ç!~!á^!&c!ç[Á]! [á~&cá[ ]

)` ÒÉÜÁ&[ ]áacá[ ] : VóMGÍ`CÉXóóMFEXÉXóóMFEXÉŠM€ÉÍ { PÈÜ\*MGÍ ó

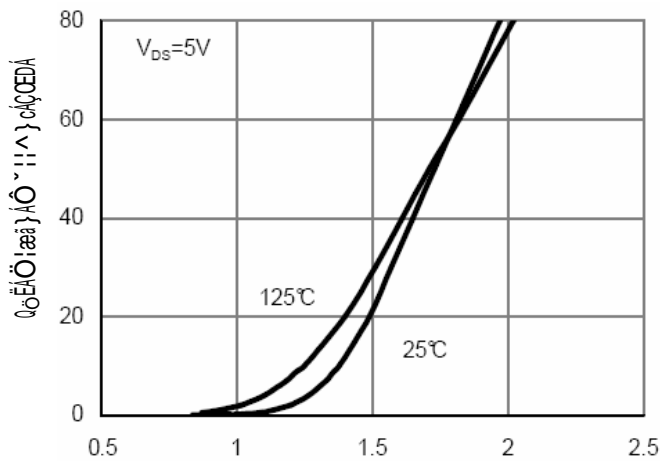
HmdjWU`9`YWhfjWU`UbX`H\Yf a U`7\UfUWhYf]gh]Wg`fl7 i f j YgŁ



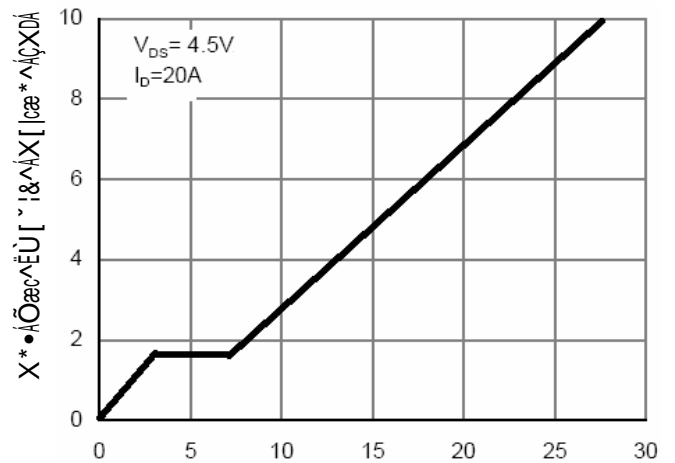
Xá•ÁÖ!æä}ËÙ[~!&^AX[|cæ\*^ÄÇXDÁ  
:][ i fY`%`C i h d i h`7\UfUWhYf]gh]Wg`



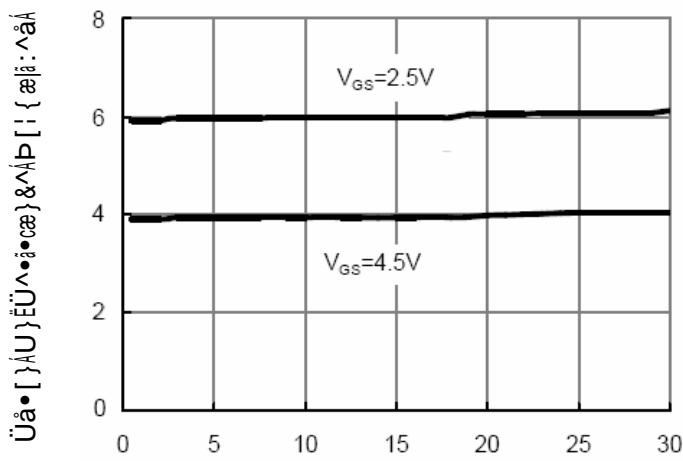
V<sub>R</sub>ËR~} & cã[ } ÁV^ { } ^!æc~!^Ç`CDÁ  
:][ i fY`('FXgcb!> i bWh]cb`HY a dYfU h i fY`



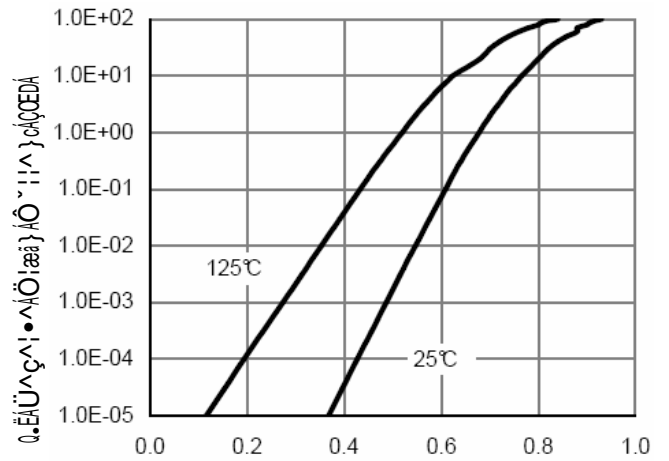
X\*•ÁÖæc^ËÙ[~!&^AX[|cæ\*^ÄÇXDÁ  
:][ i fY`&HfUbgZYf`7\UfUWhYf]gh]Wg`



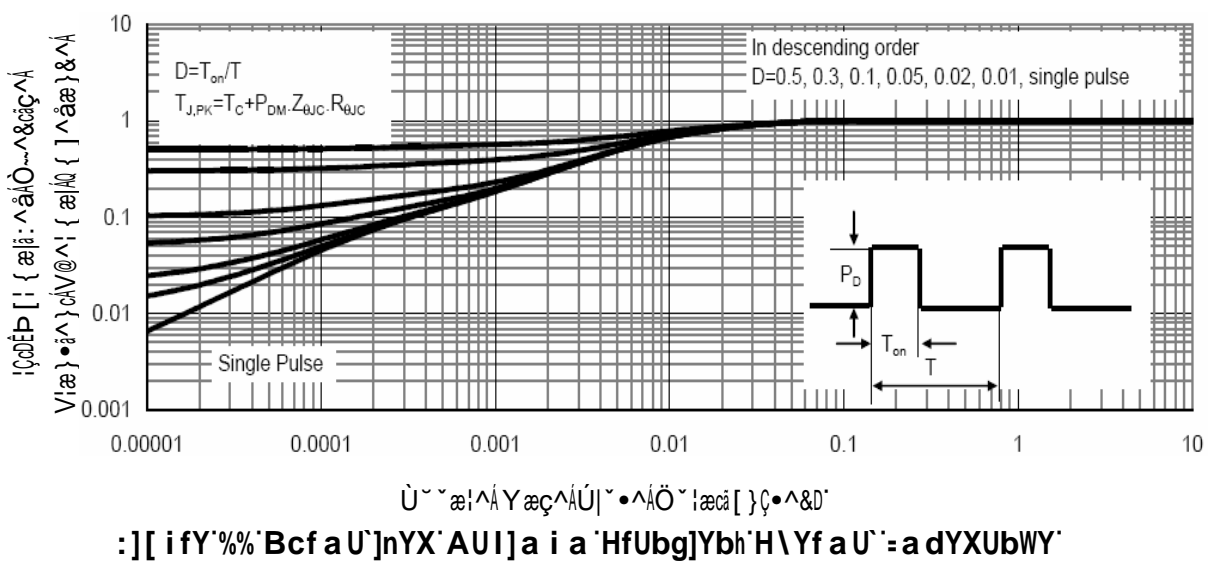
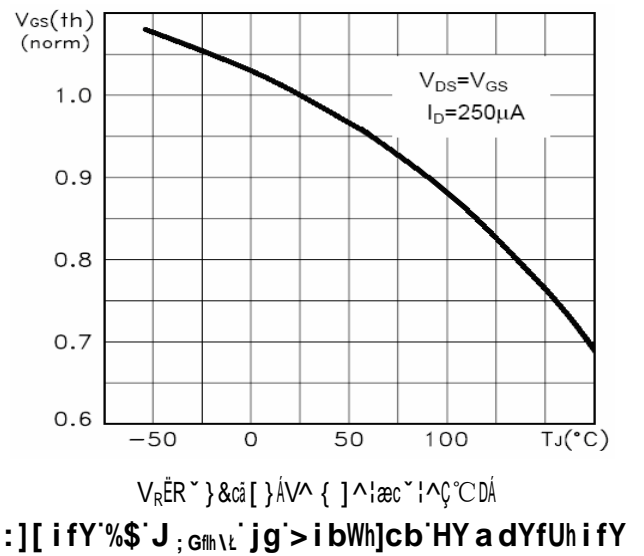
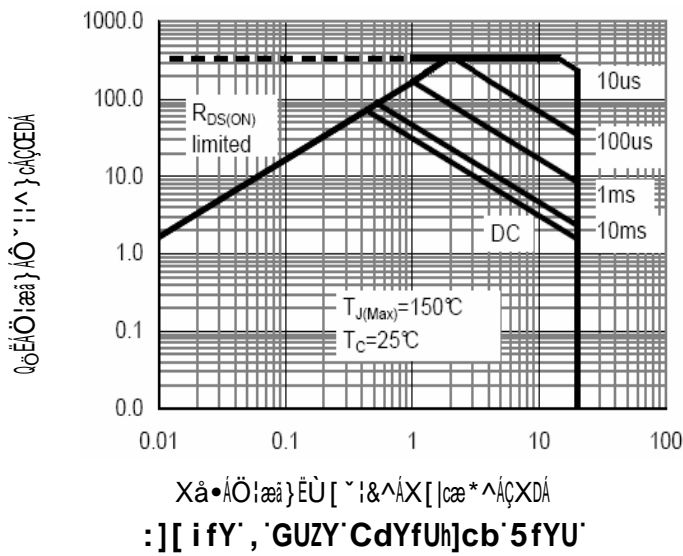
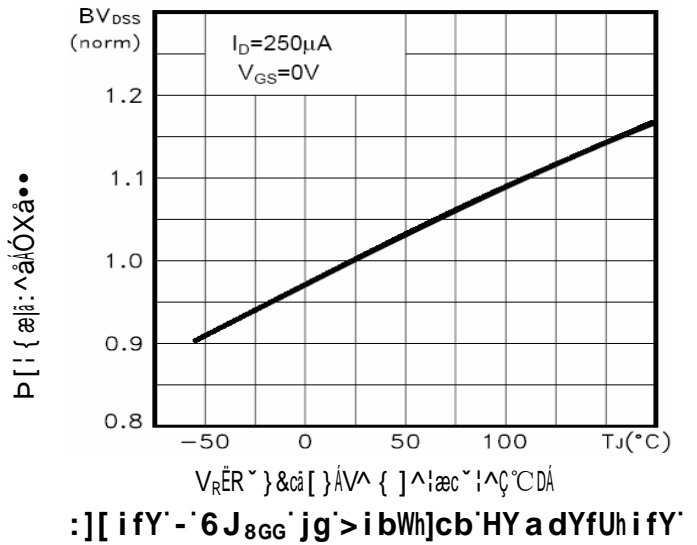
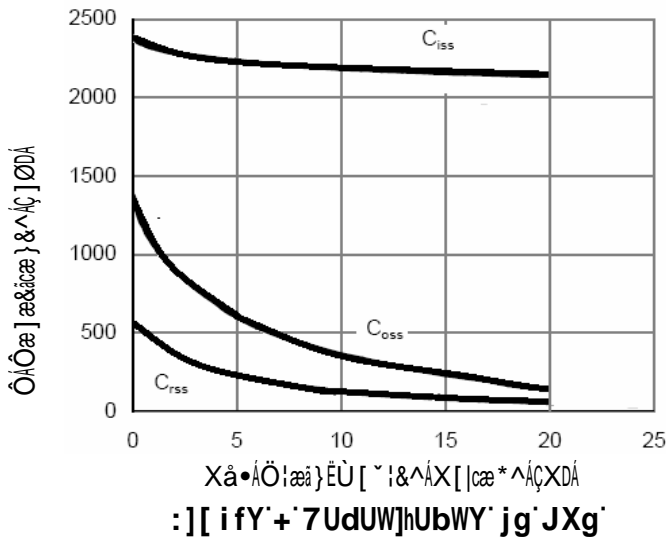
Û\*ÁÖæc^ÁÖ@æ! \*^ÄÇ}ÔDÁ  
:][ i fY`)'; U h Y`7\Uf[Y`



Q<sub>3</sub>ËÁÖ!æä}ÁÖ~!;^}cÄÇCEDÁ  
:][ i fY``FXgcb!`8fU]b`7 i f fYbh`



X•áÁÙ[~!&^ËÖ!æä}AX[|cæ\*^ÄÇXDÁ  
:][ i fY``Gc i fWY!`8fU]b`8]cXY` : cf kUfX







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