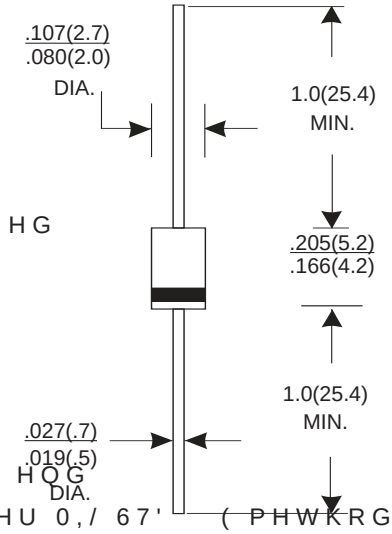
'2 3/$67 6„&,&25 5(&7,),(56

FEATURES

- "/RZ FRVW FRQVWUXFWLRQ
- ")DVW VZLWFKLQJ
- "/RZ UHYHUVH OHDNDJH
- "+LJKRUZDUG VXUJH FXUUHQW FDSDELOLW\
- "+LJK WHPSHUDWXUH VROGHULQJ JXDUDQWHHG 260°C/10 seconds, 0.375″ (9.5mm) lead length at 5 lbs (2.3kg)tension

0(&+$1,&$/ '7

- "&DVHDQVIHU PROGHG SODVWLF
- "(SR[\ 8/9 UDWH IODPH UHWDUGDQW
- "3RODULW\ &RORU EDQG GHQRWHV FDWKRGH HQG
- "/HDG 3ODWHG D[LDO OHDG VROGHUDEOH SHU 0,/ 67' (PHWKRG F
- "0RXQWLQJ SRVLWLRQ $Q\



'LPHQVLRQV LQ LQFKHV DQG P

0$;,080 5$7,1*6 $1' &+$5$&7(5,67,&6

@ 25°C Ambient Temperature (unless otherwise noted)

Parameter		SYMBOLS	FR101	FR102	FR103	FR104	FR105	FR106	FR107	UNIT
Maximum Recurrent Peak Reverse Voltage		VRRM	50	100	200	400	600	800	1000	Volts
Maximum RMS Voltage		VRMS	35	70	140	280	420	560	700	Volts
Maximum DC Blocking Voltage		VDC	50	100	200	400	600	800	1000	Volts
Average Forward Current TJ=90		IF(AV)	1.0							Amps
Peak Forward Surge Current 8.3ms, half sine		IFSM	30							Amps
Maximum Instantaneous Forward Voltage IFM=1.0A TJ=25		VF	1.3							Volts
Maximum DC Reverse Current at rated DC blocking voltage	TA=25	IR	5.0							-A
	TA=100		100							
Maximum reverse recovery time at IF=0.5A IR=1.0A, IRR=0.25A		trr,	150				250	500		ns
Typical Junction Capacitance		CJ	15							PF
Typical thermal resistance		5 4 - $	50							/W
Operating junction and storage temperature range		TJ Tstg	-65 to +150							

Note: 1. Measyred at 1.0MHZ and applied reverse voltage of 4.0 Volts

2. Thermal Resistance from Junction to Ambient at 0.375 s Ä9.5mm Å lead length, P, C, board mounted.

3. Reverse Recovery Test Condition: IF=0.5A, IR=1.0A, TRR=0.25A