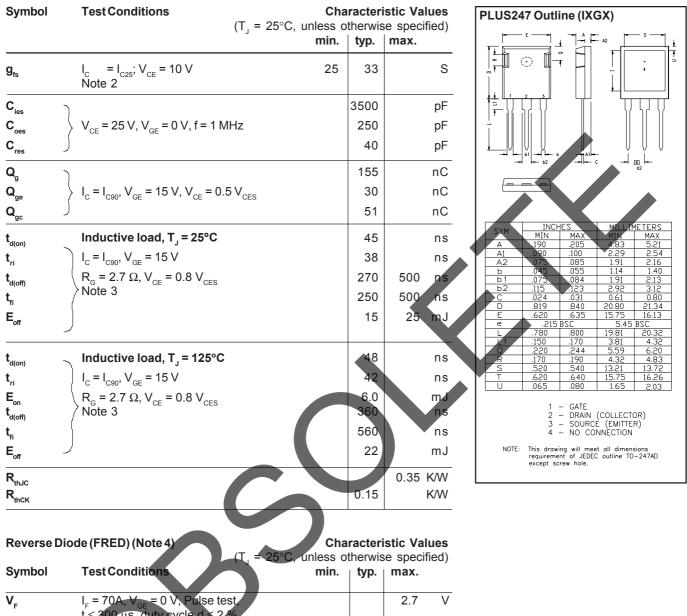
LIXYS



V _F	$I_F = 70A$, $V_{GE} = 0$ V, Púlse test, t \leq 300 µs, duty cycle d \leq 2 %		2.7 V
l _{RM} t _{rr}	$\begin{cases} I_{p} = 50A, V_{GE} = 0 V, -di_{F}/dt = 800 A/\mu s \\ V_{R} = 600 V \end{cases}$	50 150	Ans
$R_{_{\mathrm{thJC}}}$			0.4 K/W

- Notes: 1. Device must be heatsunk for high temperature leakage current measurements to avoid thermal runaway.
 - 2. Pulse test, t \leq 300 $\mu s,$ duty cycle \leq 2 %
 - 3. Switching times may increase for V $_{\rm CE}$ (Clamp) > 0.8 V $_{\rm CES}$, higher T $_{\rm J}$ or increased R $_{\rm g}.$
 - 4. See DH60-18A and IXGH32N170A datasheets for additional characteristics

IXYS reserves the right to change limits, test conditions, and dimensions.

 IXYS MOSFETs and IGBTs are covered by one or more of the following U.S. patents:
 4,835,592
 4,881,106
 5,017,508
 5,049,961
 5,187,117
 5,486,715
 6,306,728B1
 6,259,123B1
 6,306,728B1

 of the following U.S. patents:
 4,850,072
 4,931,844
 5,034,796
 5,063,307
 5,237,481
 5,381,025
 6,404,065B1
 6,162,665
 6,534,343



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