

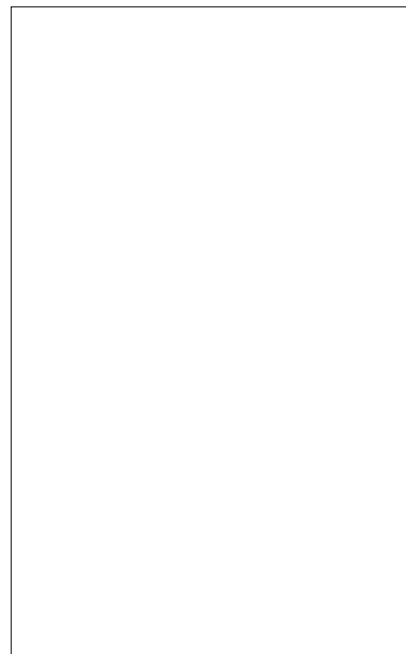


TYN40H-1200SJ 40A SCR

Rev.A.2.1

DESCRIPTION:

With high ability to withstand the shock loading of large current, TYN40H-1200SJ SCR provides high dV/dt rate with strong resistance to electromagnetic interference. It is especially recommended for use on solid state relay, UPS, SVC, power charger, T-tools etc. Package TO-247J is RoHS compliant.



MAIN FEATURES

Symbol	Value	Unit
$I_{T(AV)}$	40	A
V_{DRM}/V_{RRM}	1200	V
I_{GT}	≤ 50	mA

ABSOLUTE MAXIMUM RATINGS

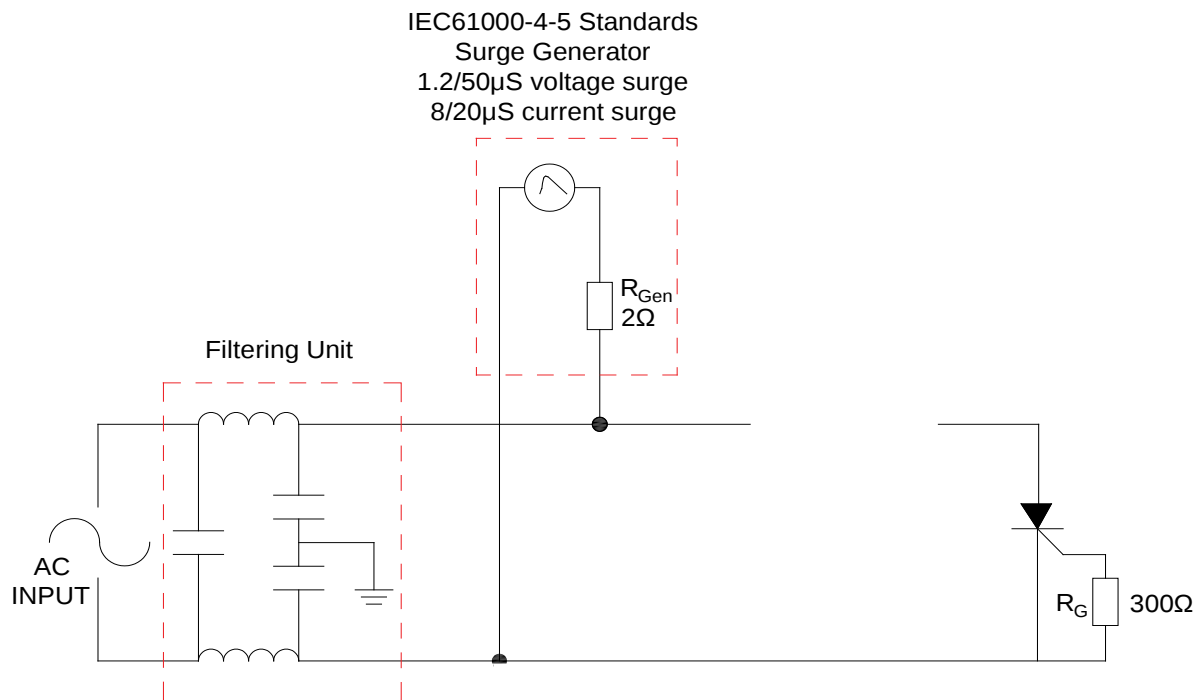
Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-150	



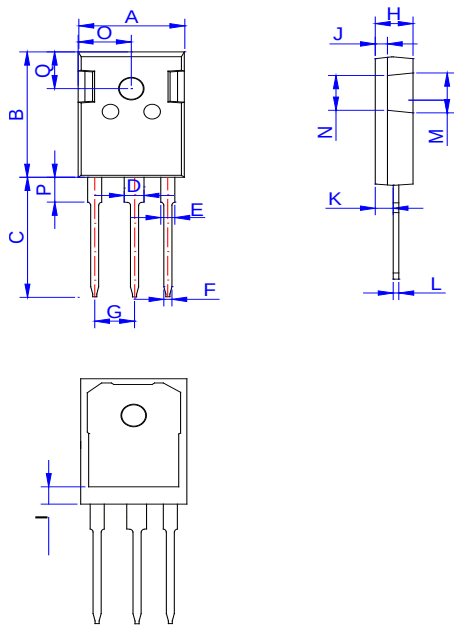
ORDERING INFORMATION

<u>TYN</u>	<u>40</u>	H	-1200	SJ
SCRs				
			<u>$V_{DRM}/V_{RRM} \geq 1200V$</u>	

FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards.



PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	15.50		16.10	0.610		0.634
B1	3.10		3.50	0.122		0.138
C	19.70		20.30	0.776		0.799
D	2.90		3.30	0.114		0.130
E	1.90		2.30	0.075		0.091
F	1.00		1.40	0.039		0.055
G		5.44			0.214	
H	4.80		5.20	0.189		0.205
J	1.90		2.10	0.075		0.083
K	2.20		2.50	0.087		0.098
L	0.41		0.79	0.016		0.031
M						

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