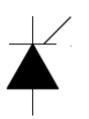
MSKP964





Key Parameters

V _{DRM} / V _{RRM}	= 2600V
I _{T(AV)}	= 960A
I _{TSM}	= 16.5kA
V _{T(TO)}	= 1.05V
r _T	= 0.50mΩ

Features

- Full blocking capability over wide temperature range
- High Surge current capability
- Hermetic metal case with ceramic insulator •

- ApplicationsBattery ChargersMedical Equipment
- UPS
- Power Supplies
- Motor control •
- Controlled Rectifiers
- Transportation
- Induction Heating
- Welding

Ordering Information

MSKP	964	С	XX
Phase Control Thyristor	Current Code	Capsule Version	Voltage Code Code X 100 = V _{DRM} /V _{RRM}
der Code MSKP964C26	: 2600V V _{DRM} , V _{RRM} , 18r	nm clamp height capsule	thyristor
C			
		Prepared by : ABA	Date of Publication : 25.03.201
		Approved by : RBS	Revision : 0

MSKP964



-	Characteristic	Conditions	Tj [°C]	Value	Unit
вгоскі	NG				
V RRM	Repetitive peak reverse voltage		125	2200 - 2600	V
V RSM	Non-repetitive peak reverse voltage		125	2300 - 2700	V
V DRM	Repetitive peak off-state voltage		125	2200 - 2600	V
I RRM	Repetitive peak reverse current	V= V RRM	125	100	mA
I DRM	Repetitive peak off-state current	V= V drm	125	100	mA
CONDU	CTING	· ·			
I T (AV)	Mean on state current	180° sin ,50 Hz, T _c =68°C, Double side cooled		960	А
I RMS	RMS on-state current			1507	А
		Sine wave, 10 ms	25	16500	А
I TSM	Surge on-state current	Without reverse voltage	125	14500	А
		Sino wave 10 mg	25	1361 x 10 ³	A²s
l² t	l² t	Sine wave, 10 ms Without reverse voltage	125	1051 x 10 ³	A²s
Vт	On-state voltage	On-state current = 3000A	125	2.60	V
V T(TO)	Threshold voltage		125	1.05	V
	On-state slope resistance		125	0.50	ν mΩ
r T			125	0.50	1115.2
SWITCH	1				
di/dt	Critical rate of rise of on-state current		125	130	A/µs
dv/dt	Critical rate of rise of off-state voltage	$V_{DR} = 67\% V_{DRM}$	125	1000	V/µs
GATE	1			1	
l _{gt}	Gate trigger current	V _D =6V	25	250	mA
V _{gt}	Gate trigger voltage	V _D =6V	25	3.0	V
Iн	Holding current	V _D =6V, gate open circuit	25	300	mA
ΙL	Latching current	V _D =6V	25	1000	mA
MOUNT	NG				
R th(j-c)	Thermal impedance, sin 180°	Junction to case, Double side cooled		0.027	°C/W
R th(j-c)	Thermal impedance, rec120°	Junction to case, Double side cooled		0.031	°C/W
R th(c-h)	Thermal impedance	Case to heatsink, Double side cooled		0.005	°C/W
Тj	Max. junction temperature			125	°C
T stg	Storage temperature			-40 125	°C
	Clamping Force			22 - 24	kN
М				500	

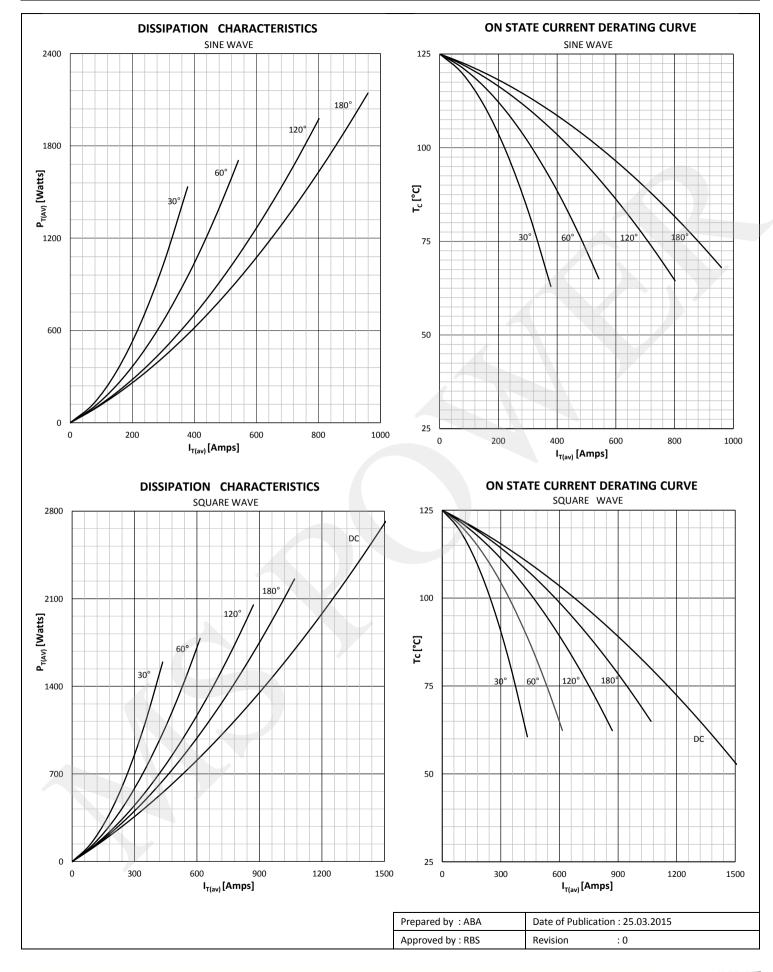
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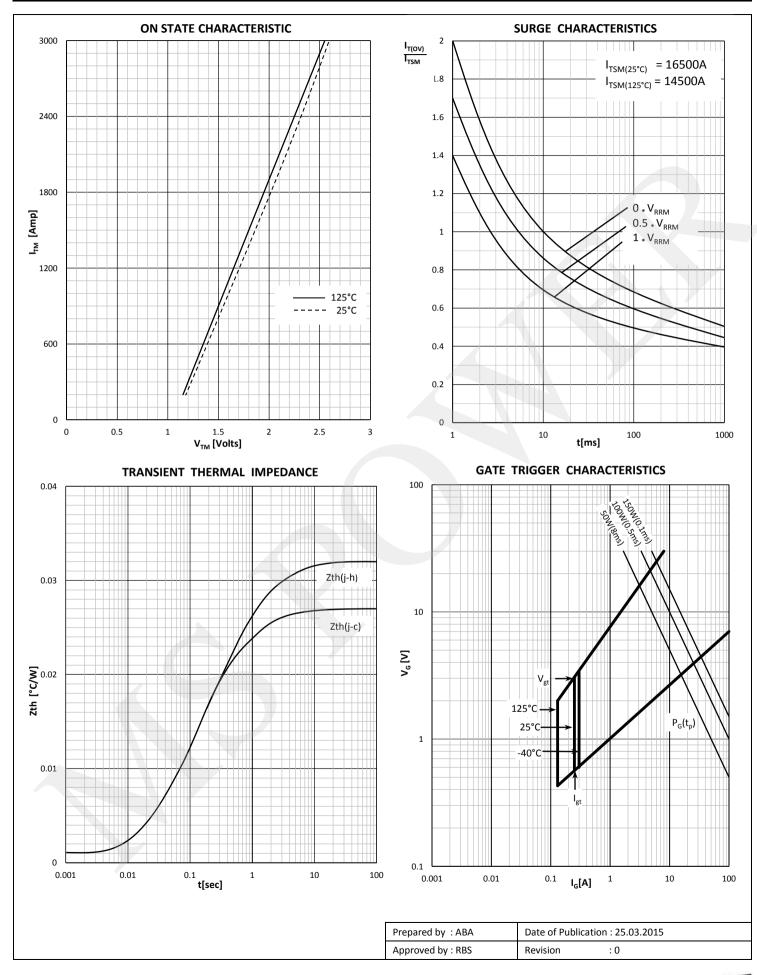
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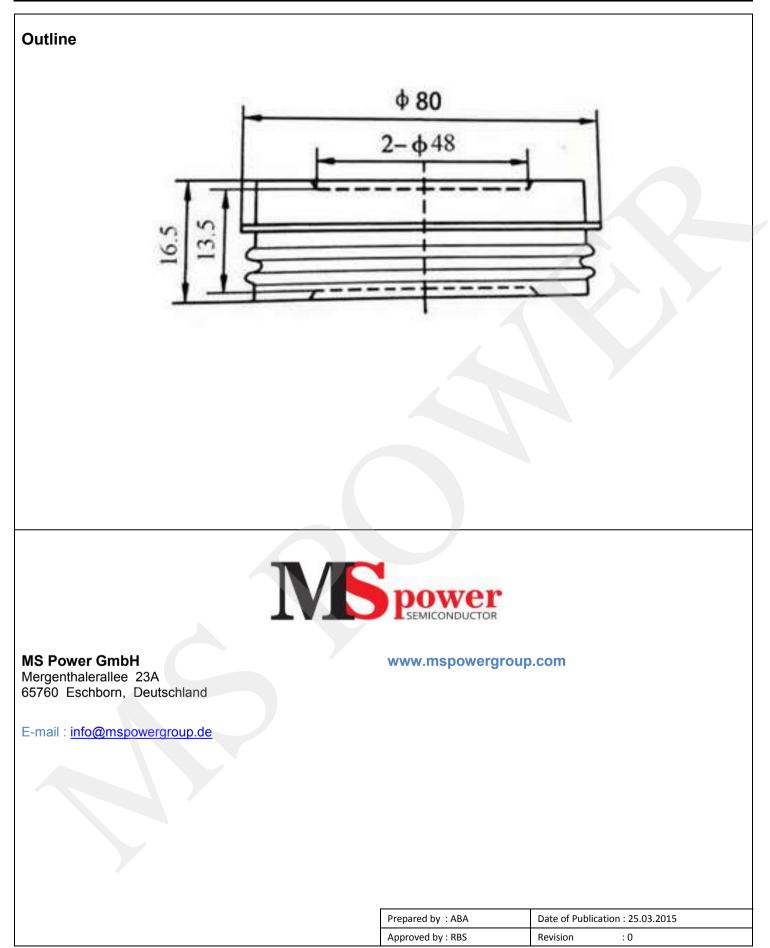




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MSKP964





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-to perform joint Risk and Quality Assessments;

-the conclusion of Quality Agreements;

-to establish joint measures of an ongoing product survey, and that we may make delivery depended on the realization of any such measures.

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Prepared by : ABA	Date of Publication : 25.03.2015
Approved by : RBS	Revision : 0