

Diode 50 A – 1600 V - PRESS FIT

TECHNICAL SPECS



Symbol	Conditions	Values	Unit
V(BR)	Breakdown	2000	V
Vrrm	Repetitive peak reverse voltage	1600	V
Vrsm	Non repetitive reverse voltage 10 msec. Max. pulse width	1700	V
IFav	Tamb = 45°C	50	A
Rf	Slope resistance	1.03	mΩ
Vf0	Tj = Tj max	0.9	V
Vfm	Ifm = 50A; Tj = 25°C	1.15	V
Vfm	Ifm = 75A; Tj = 25°C	1.35	V
IFsm	Tvj = 25°C, Vr=0.8Vrrm, Tp=10ms	320	A
IFsm	Tvj = 150°C	120	A
I ² t	Tvj = 25°C	550	A ² s
I ² t	Tvj = 150°C	72	A ² s
IRrm		10	mA
IRm (REC)	Maximum Recovery value – Ifm = 1000A; dIf/dt = 10 A/μs, Tj = 160°C	1	A
Tvj		-40... +150	°C
Tstg		-40... +150	°C
w	Weight	7	g

DS_OCR_16

OCRAM S.r.l.

info@ocramitaly.it - www.ocramitaly.it



*Azienda con sistema di gestione
qualità certificato*



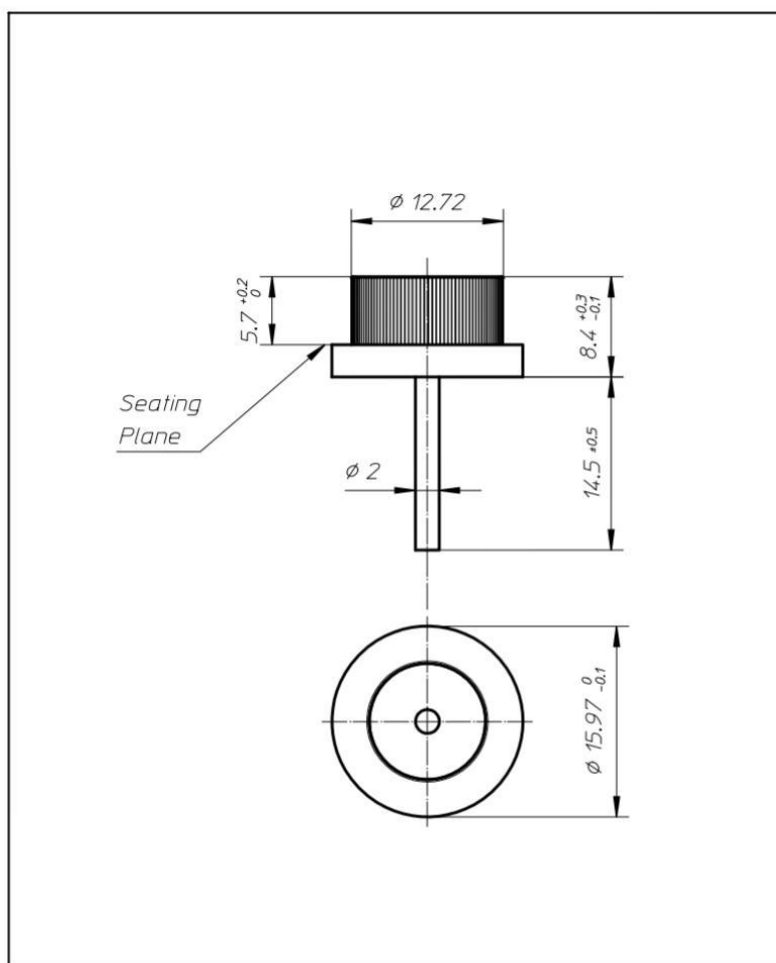
OCN50A

(Anode to case)



OCR50A

(Catode to case)



DS_OCR_16