

MAXIMUM RATINGS PER DIODE			
PARAMETER	SYMBOL		UNITS
WORKING PEAK REVERSE VOLTAGE	VRRM	400	V
AVERAGE FORWARD CURRENT	IF(AV)	8	A
PEAK ONE CYCLE NON-REPETITIVE SURGE CURRENT	IFSM	100	A
PEAK REPETITIVE REVERSE CURRENT	IFM	16	A
OPERATING JUNCTION TEMPERATURE RANGE	TJ	+150	°C
STORAGE TEMPERATURE RANGE	Tstg	-55 TO +150	°C
THERMAL RESISTANCE JUNCTION TO CASE	RθJc	2.5	°C/W

ELECTRICAL CHARACTERISTICS T _c = 25°C (UNLESS OTHERWISE SPECIFIED)				
PARAMETER	SYMBOL	TEST CONDITIONS		UNITS
MAX. PEAK FORWARD VOLTAGE ①	V _F	T _J =25°C IFM=8.0A	1.4	V
MAX. PEAK REVERSE CURRENT ①	I _{RM}	T _J =25°C	60	μA
		T _J =125°C VRWM=400V	1.5	mA
REVERSE RECOVERY	t _{rr}	IF=0.5A, IR=1A IREC=0.25A	35	ns

(1) PULSE TEST: PULSE WIDTH 300μS, DUTY CYCLE 2%

PIN	"J"	"K"	"L"	"M"	"N"
1	CATHODE	ANODE	CATHODE	CATHODE	ANODE
2	NO CONN.	COMMON	COMMON	COMMON	NO CONN.
3	ANODE	ANODE	CATHODE	ANODE	CATHODE
PKG.	JAA, JAB, JDA, JFA, JFB	JAA, JAB	JAA, JAB	JAA, JAB	JAA, JAB, JDA, JFA, JFB

CASE = NO CONNECTION

400V, 8A, 35ns

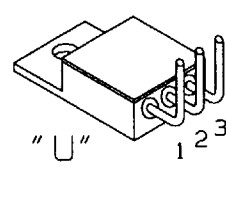
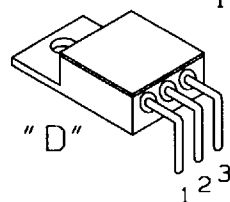
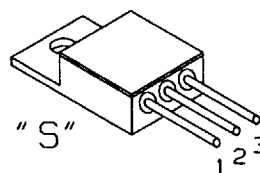
SDR08400 JAA
 SDR08400 JAB
 SDR08400 JDA
 SDR08400 JFA
 SDR08400 JFB

FEATURES

- RUGGED PACKAGE
- HI-REL CONSTRUCTION
- CERAMIC EYELETS: JAA, JAB, JFA, JFB
- LEAD BENDING OPTIONS
- COPPER CORED 52 ALLOY PINS
- LOW IR LOSSES
- LOW THERMAL RESISTANCE
- OPTIONAL MIL-S-19500 OR MIL-STD-883 SCREENING

STANDARD BEND CONFIGURATIONS

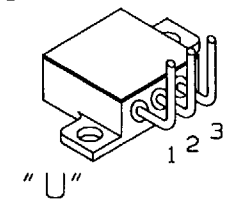
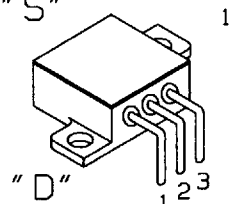
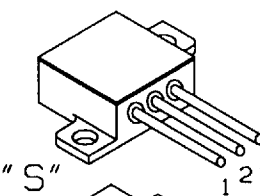
JAA
 JDA
 JFA



(CUSTOM BEND OPTIONS AVAILABLE)

STANDARD BEND CONFIGURATIONS

JAB
 JFB



(CUSTOM BEND OPTIONS AVAILABLE)