

- 1N6702 AVAILABLE IN JANHC AND JANKC
- 5 AMP SCHOTTKY BARRIER RECTIFIER CHIPS
- SILICON DIOXIDE PASSIVATED
- COMPATIBLE WITH ALL WIRE BONDING AND DIE ATTACH TECHNIQUES

CD6700
thru
CD6702
and
CD5A20
thru
CD5A40

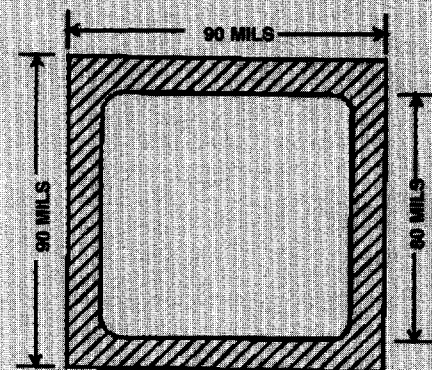
MAXIMUM RATINGS

Operating Temperature: -65°C to +125°C

Storage Temperature: -65°C to +150°C

Average Rectified Forward Current: 5.0 AMP @ +55°C

Derating: 71 mA / °C above +55°C



BACKSIDE IS CATHODE
FIGURE 1

CDI TYPE NUMBER	WORKING PEAK REVERSE VOLTAGE	MAXIMUM FORWARD VOLTAGE		MAXIMUM REVERSE LEAKAGE CURRENT AT RATED VOLTAGE	
	V_{RWM}	$V_F @ 3.0A$	$V_F @ 5.0A$	$I_R @ 25^\circ C$	$I_R @ 100^\circ C$
	VOLTS	VOLTS	VOLTS	mA	mA
CD6700	20	0.50	0.55	0.2	25.0
CD6701	30	0.50	0.55	0.2	25.0
CD6702	40	0.50	0.55	0.2	25.0
CD5A20	20	0.50	0.55	0.2	25.0
CD5A30	30	0.50	0.55	0.2	25.0
CD5A40	40	0.50	0.55	0.2	25.0

DESIGN DATA

METALLIZATION:

Top: (Anode)Al
Back: (Cathode)Au

AL THICKNESS 25,000 Å Min

GOLD THICKNESS 4,000 Å Min

CHIP THICKNESS 10 Mils

TOLERANCES: ALL
Dimensions ± 2 mils



COMPENSATED DEVICES INCORPORATED

166 TREMONT STREET, MELROSE, MASSACHUSETTS 02176

PHONE (617) 665-1071

FAX (617) 665-7379

WWW SITE: <http://www.cdi-diodes.com>

E-mail: mail@cdi-diodes.com

CD6700 thru CD6702 and CD5A20 thru CD5A40

TYPICAL REVERSE LEAKAGE CURRENT AT RATED PIV (PULSED)

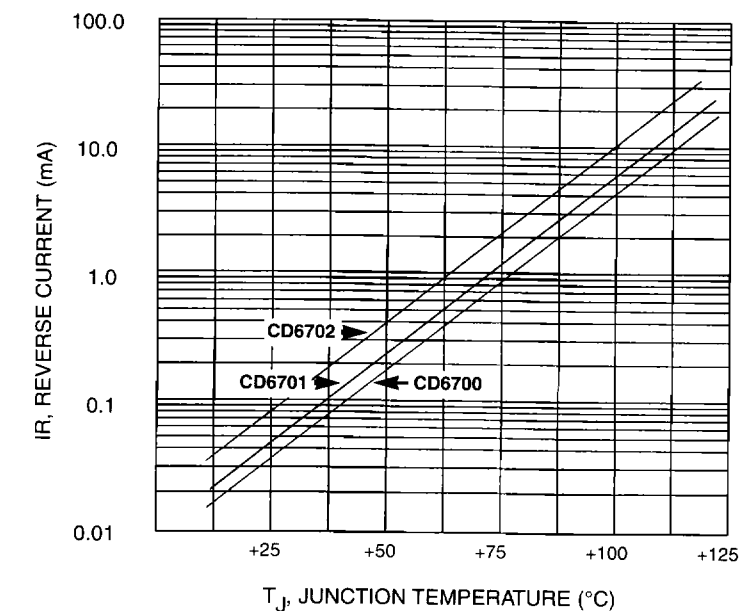


FIGURE 1

TYPICAL FORWARD VOLTAGE

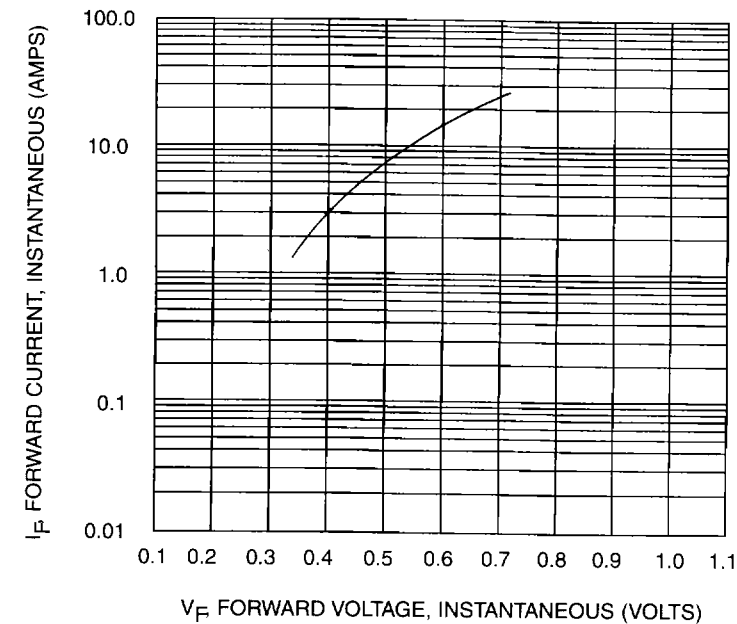


FIGURE 2