SMD Schottky Barrier Diode

COMCHIP
SMD DIODE SPECIALIST

CDBP0130L-G (RoHS Device)
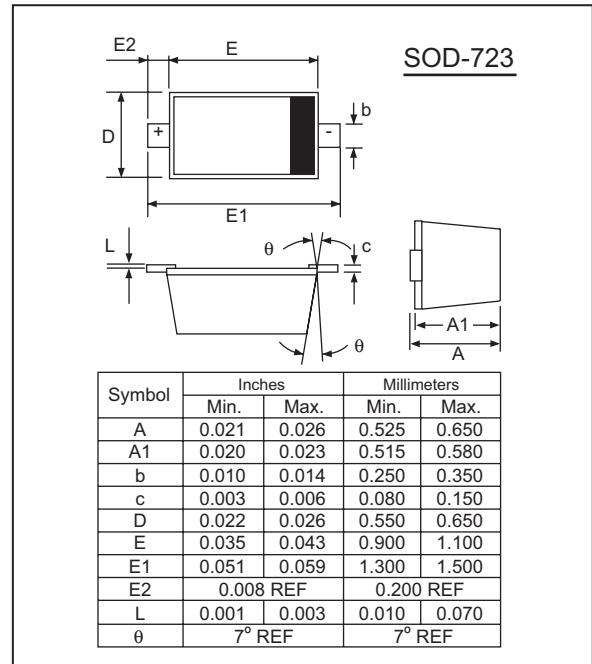
Reverse Voltage: 30 Volts
Forward Current: 100 mA

Features:
- Small Surface Mounting Type
- High Reliability

Mechanical Data:
- Case: Molded plastic SOD-723
- Terminals: Solderable per MIL-STD-750, Method 2026.1.
- Polarity: Indicated by cathode band.
- Mounting position: Any.
- Marking: F

SOD-723

Symbol	Inches Min.	Inches Max.	Millimeters Min.	Millimeters Max.
A	0.021	0.026	0.525	0.650
A1	0.020	0.023	0.515	0.580
b	0.010	0.014	0.250	0.350
c	0.003	0.006	0.080	0.150
D	0.022	0.026	0.550	0.650
E	0.035	0.043	0.900	1.100
E1	0.051	0.059	1.300	1.500
E2	0.008 REF		0.200 REF	
L	0.001	0.003	0.010	0.070
θ	7° REF		7° REF	

Maximum Ratings (at T_A=25ºC unless otherwise specified)

Parameter	Symbol	Limits	Unit
DC reverse voltage	V_R	30	V
Mean rectifying current	I_O	100	mA
Peak forward surge current	I_{FSM}	1	A
Junction temperature	T_J	125	ºC
Storage temperature	T_{stg}	-40~+125	ºC

Electrical Ratings (at T_A=25ºC unless otherwise specified)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F			0.35	V	I_F=10mA
Reverse current	I_R			10	µA	V_R=10V

SMD Schottky Barrier Diode

COMCHIP
SMD DIODE SPECIALIST

CDBP0130L-G (RoHS Device)

Electrical Characteristic Curves (CDBP0130L-G)
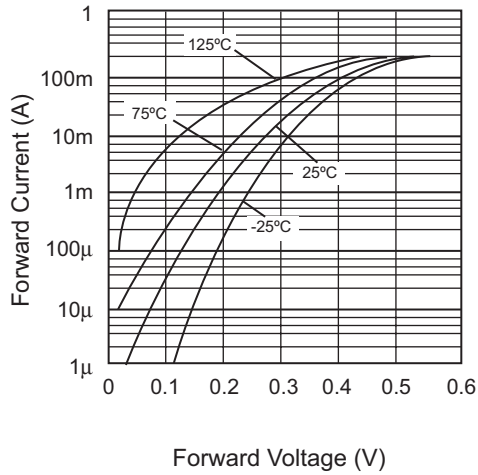
Fig. 1 Forward Characteristics

Fig. 2 Reverse Characteristics

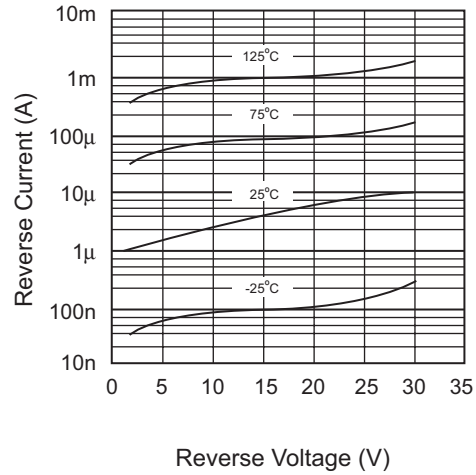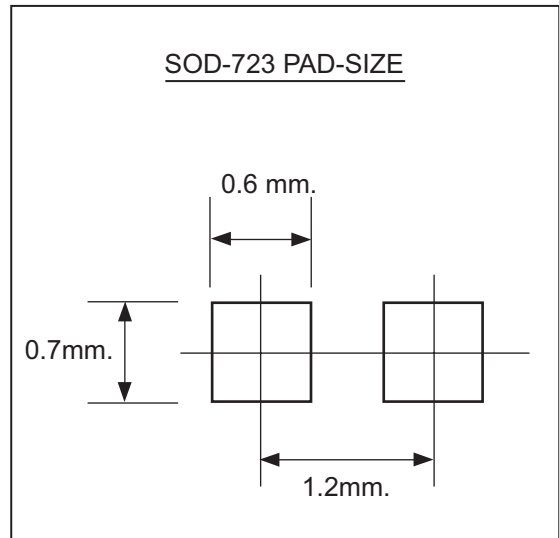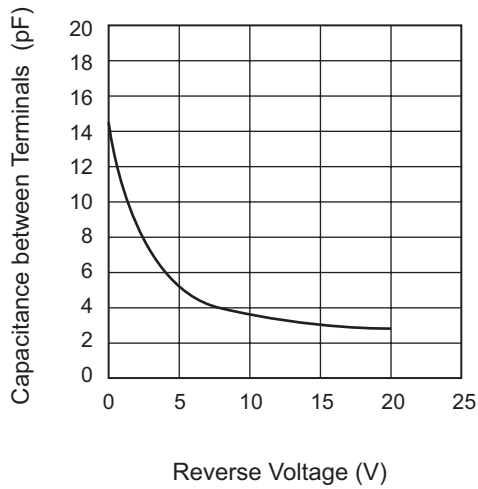Fig. 3 Capacitiance between Characteristics

SOD-723 PAD-SIZE

0.6 mm.

0.7mm.

1.2mm.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Schottky Diodes & Rectifiers *category:*

Click to view products by Comchip *manufacturer:*

Other Similar products are found below :

MA4E2039 D1FH3-5063 MBR10100CT-BP MBR1545CT MMBD301M3T5G RB160M-50TR RB551V-30 BAS16E6433HTMA1 BAT 54-02LRH E6327 NSR05F40QNXT5G NTE555 JANS1N6640 SB07-03C-TB-H SB1003M3-TL-W SK310-T SK32A-LTP SK33A-TP SK34B-TP SS3003CH-TL-E GA01SHT18 CRS10I30A(TE85L,QM MA4E2501L-1290 MBRA140TRPBF MBRB30H30CT-1G SB007-03C-TB-E SK32A-TP SK33B-TP SK35A-TP SK38B-TP NRVBM120LT1G NTE505 NTSB30U100CT-1G SS15E-TP VS-6CWQ10FNHM3 ACDBA1100LR-HF ACDBA1200-HF ACDBA140-HF ACDBA2100-HF ACDBA3100-HF CDBQC0530L-HF CDBQC0240LR-HF ACDBA340-HF ACDBA260LR-HF ACDBA1100-HF SK310B-TP MA4E2502L-1246 MA4E2502H-1246 NRVBM120ET1G NSR01L30MXT5G NTE573