



PRODUCT NAME : BFX88 PNP Medium Power Transistor

PRICE : Rs 49.00

SKU : RM1791



DESCRIPTION

WITH THE PRODUCT YOU WILL RECEIVE THE FOLLOWING INFORMATION: Copyrights by Robomart.com

Features

- Collector-Emitter Volt (V_{ce0}): 40V
- Collector Current (I_c): 0.6A
- h_{fe} : 40 @ 150mA
- Power Dissipation (P_{tot}): 600mW
- Current-Gain-Bandwidth (f_{total}): 250MHz
- Type: NPN



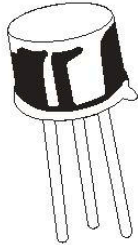
Continental Device India Limited

An ISO/TS 16949, ISO 9001 and ISO 14001 Certified Company



PNP SILICON PLANAR EPITAXIAL TRANSISTORS

**BFX87
 BFX88
 TO-39**



ABSOLUTE MAXIMUM RATINGS

DESCRIPTION	SYMBOL	BFX87	BFX88	UNIT
Collector -Base Voltage	VCBO	50	40	V
Collector -Emitter Voltage	VCEO	50	40	V
Collector Current (DC)	IC	600		mA
Peak value	ICM	600		mA
Emitter Current	IEM	600		mA
Power Dissipation up to Tamb=25 degC	Ptot	600		mW
Operating And Storage Junction Temperature Range	Tj, Tstg	-65 to +200		deg C

THERMAL RESISTANCE

Junction to Ambient	Rth(j-a)	300		K/W
---------------------	----------	-----	--	-----

ELECTRICAL CHARACTERISTICS (Ta=25 deg C Unless Otherwise Specified)

DESCRIPTION	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Collector-Cut off Current	ICBO	BFX87				
		VCB=40V, IE=0	-	-	50	nA
		VCB=50V, IE=0	-	-	500	nA
		Tj=100 deg C				
		VCB=40V, IE=0	-	-	2.0	uA
		BFX88				
Emitter-Cut off Current	IEBO	VCB=30V, IE=0	-	-	50	nA
		VCB=40V, IE=0	-	-	500	nA
		Tj=100 deg C				
		VCB=30V, IE=0	-	-	2.0	uA
DC Current Gain	hFE	VEB=3V, IC=0	-	-	100	nA
		VEB=4V, IC=0	-	-	500	nA
		IC=1mA, VCE=10V	40	-	-	
		IC=10mA, VCE=10V	40	-	-	
		IC=150mA, VCE=10V	40	-	-	
		IC=500mA, VCE=10V	25	-	-	

