

**BDX 53C**

Si-N

Text: Darl-L\*\*

Complementary: BDX54

Case: M21/j\$

Prod.:

Mot: Motorola GmbH

Rca: RCA Corporation (Harris Semiconductor)

Sgs: SGS-THOMSON Microelectronics GmbH

Tho: SGS-THOMSON Mikroelektronik GmbH

Tix: Texas Instruments Deutschland GmbH

UCB0: 100V

UCE0: 100V

UEB0: 5V

IC: 8A

ICM: 12A

IB: 200mA

Ptot: 60W@Tg: 25°C

Ptot: 2W@Tu: 25°C

RthG: 2,08°C/W

RthU: 62,5°C/W

Tj: 150°C

fT: 20MHz@IC: 500mA UCE: 2V

t\_on: 1µ@IC: 3A IB: 12mA

t\_off: 5µ@IC: 3A IB: 12mA

UCEsat: 2V@IC: 3A IB: 12mA

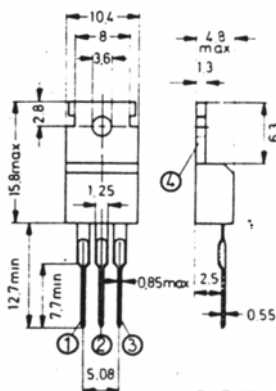
UBEsat: 2,5V@IC: 3A IB: 12mA

ICB0: 200µA@UCB: max Tg: 25°C

IEB0: 2m@UEB: 5V Tg: 25°C

CCB0: &lt;300pF@UCB: 10V

B(hFE) min: 750@IC: 3A UCE: 3V

**P/M****M21****SOT-78  
TO-220AB**

Pin1: Base 1

Pin2: Collector 1/2

Pin3: Emitter 2

Pin4: Case

Collector + Case connected