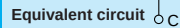


2SB1257



Application : Driver for Solenoid, Relay and Motor and General Purpose

($T_a=25^{\circ}\text{C}$)

Symbol	Conditions	2SB1257	Unit
ICBO	$V_{CB} = -60V$	-10max	μA
IEBO	$V_{EB} = -6V$	-10max	μA
$V_{(BR)CEO}$	$I_C = -10mA$	-60min	V
hFE	$V_{CE} = -4V, I_C = -3A$	2000min	
$V_{CE(sat)}$	$I_C = -3A, I_B = -6mA$	-1.5max	V
$V_{BE(sat)}$	$I_C = -3A, I_B = -6mA$	-2max	V
f _T	$V_{CE} = -12V, I_E = 0.2A$	150typ	MHz
COB	$V_{CB} = -10V, f = 1MHz$	75typ	pF

Technical drawing of a mechanical part, likely a piston pin, showing three views: front, side, and cross-section. The front view shows a central pin with a diameter of 15.6 ± 0.2 mm and a total length of 23.0 ± 0.3 mm. The side view shows a pin with a diameter of 5.45 ± 0.1 mm and a total length of 16.2 mm. The cross-section view shows a pin with a diameter of 3.45 ± 0.2 mm and a total length of 3.35 mm. The drawing includes various dimensions and tolerances, as well as a weight specification of approximately 2.0 g.

Weight : Approx 2.0g

a. Type No.

b. Lot No.

VCC (V)	R _L (Ω)	I _C (A)	V _{BB1} (V)	V _{BB2} (V)	I _{B1} (mA)	I _{B2} (mA)	t _{on} (μs)	t _{stg} (μs)	t _f (μs)
-30	10	-3	-10	5	-10	10	0.4tvp	0.8tvp	0.6tvp

