



BC856/BC857/BC858

RoHS
COMPLIANT

Electrical Characteristics

Parameter	Symbol	Test conditions	Min	Max	Unit

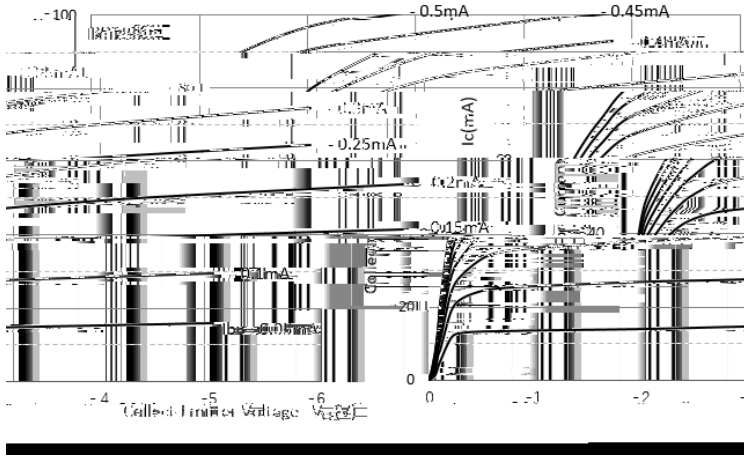
Ordering Information

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
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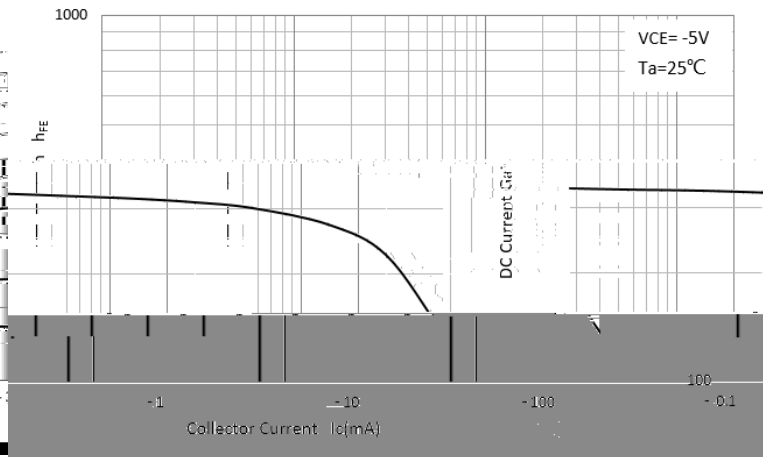


Characteristics

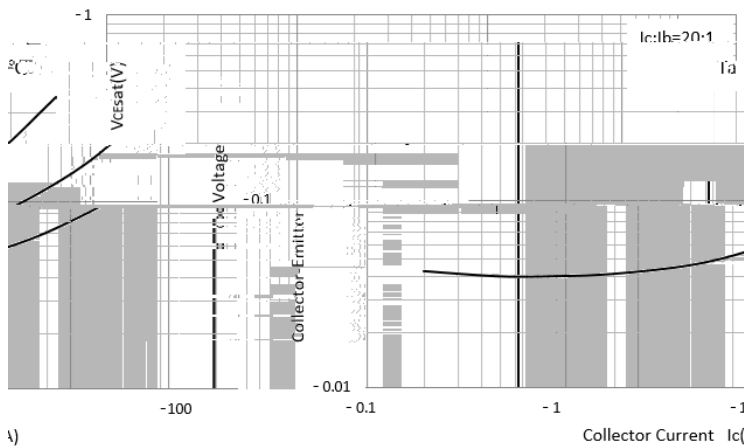
Static Characteristic



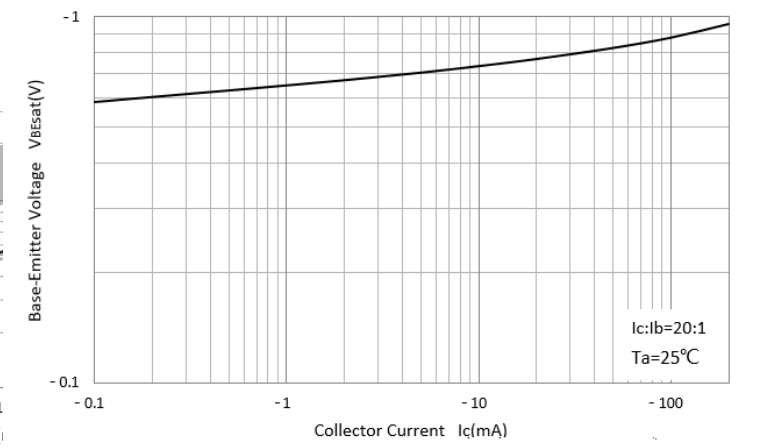
DC Current Gain



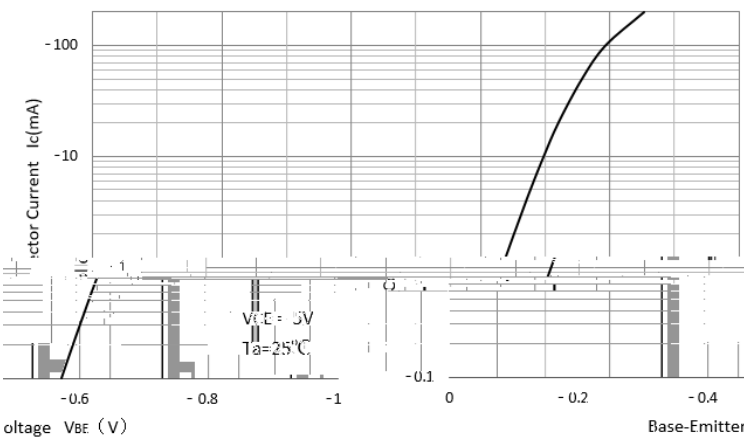
Collector-Emitter Saturation Voltage



Base-Emitter Saturation Voltage

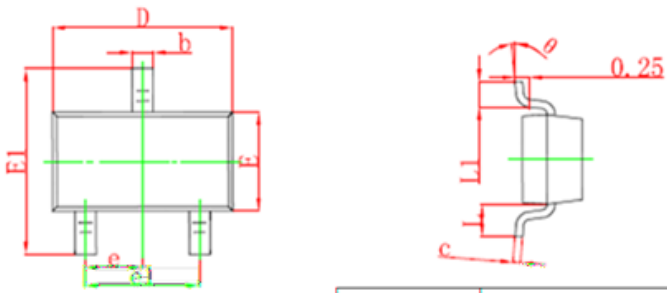


Base-Emitter On Voltage



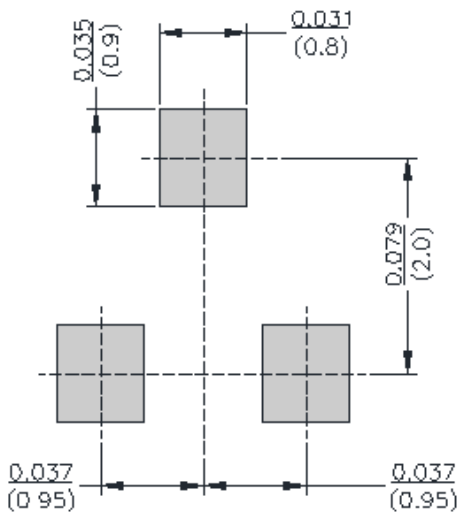


SOT-23 Package Outline Dimensions



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.900	1.050	0.035	0.041
b	0.780	0.900	0.030	0.035
c	0.000	0.025	0.000	0.001
D	0.900	1.050	0.035	0.041
E	0.900	1.050	0.035	0.041
e	0.000	0.025	0.000	0.001
L	0.000	0.025	0.000	0.001
L1	0.000	0.025	0.000	0.001
L2	0.000	0.025	0.000	0.001
L3	0.000	0.025	0.000	0.001
L4	0.000	0.025	0.000	0.001
L5	0.000	0.025	0.000	0.001
L6	0.000	0.025	0.000	0.001
L7	0.000	0.025	0.000	0.001
L8	0.000	0.025	0.000	0.001
L9	0.000	0.025	0.000	0.001
L10	0.000	0.025	0.000	0.001
L11	0.000	0.025	0.000	0.001
L12	0.000	0.025	0.000	0.001
L13	0.000	0.025	0.000	0.001
L14	0.000	0.025	0.000	0.001
L15	0.000	0.025	0.000	0.001
L16	0.000	0.025	0.000	0.001
L17	0.000	0.025	0.000	0.001
L18	0.000	0.025	0.000	0.001
L19	0.000	0.025	0.000	0.001
L20	0.000	0.025	0.000	0.001
L21	0.000	0.025	0.000	0.001
L22	0.000	0.025	0.000	0.001
L23	0.000	0.025	0.000	0.001
L24	0.000	0.025	0.000	0.001
L25	0.000	0.025	0.000	0.001
L26	0.000	0.025	0.000	0.001
L27	0.000	0.025	0.000	0.001
L28	0.000	0.025	0.000	0.001
L29	0.000	0.025	0.000	0.001
L30	0.000	0.025	0.000	0.001
L31	0.000	0.025	0.000	0.001
L32	0.000	0.025	0.000	0.001
L33	0.000	0.025	0.000	0.001
L34	0.000	0.025	0.000	0.001
L35	0.000	0.025	0.000	0.001
L36	0.000	0.025	0.000	0.001
L37	0.000	0.025	0.000	0.001
L38	0.000	0.025	0.000	0.001
L39	0.000	0.025	0.000	0.001
L40	0.000	0.025	0.000	0.001
L41	0.000	0.025	0.000	0.001
L42	0.000	0.025	0.000	0.001
L43	0.000	0.025	0.000	0.001
L44	0.000	0.025	0.000	0.001
L45	0.000	0.025	0.000	0.001
L46	0.000	0.025	0.000	0.001
L47	0.000	0.025	0.000	0.001
L48	0.000	0.025	0.000	0.001
L49	0.000	0.025	0.000	0.001
L50	0.000	0.025	0.000	0.001
L51	0.000	0.025	0.000	0.001
L52	0.000	0.025	0.000	0.001
L53	0.000	0.025	0.000	0.001
L54	0.000	0.025	0.000	0.001
L55	0.000	0.025	0.000	0.001
L56	0.000	0.025	0.000	0.001
L57	0.000	0.025	0.000	0.001
L58	0.000	0.025	0.000	0.001
L59	0.000	0.025	0.000	0.001
L60	0.000	0.025	0.000	0.001
L61	0.000	0.025	0.000	0.001
L62	0.000	0.025	0.000	0.001
L63	0.000	0.025	0.000	0.001
L64	0.000	0.025	0.000	0.001
L65	0.000	0.025	0.000	0.001
L66	0.000	0.025	0.000	0.001
L67	0.000	0.025	0.000	0.001
L68	0.000	0.025	0.000	0.001
L69	0.000	0.025	0.000	0.001
L70	0.000	0.025	0.000	0.001
L71	0.000	0.025	0.000	0.001
L72	0.000	0.025	0.000	0.001
L73	0.000	0.025	0.000	0.001
L74	0.000	0.025	0.000	0.001
L75	0.000	0.025	0.000	0.001
L76	0.000	0.025	0.000	0.001
L77	0.000	0.025	0.000	0.001
L78	0.000	0.025	0.000	0.001
L79	0.000	0.025	0.000	0.001
L80	0.000	0.025	0.000	0.001
L81	0.000	0.025	0.000	0.001
L82	0.000	0.025	0.000	0.001
L83	0.000	0.025	0.000	0.001
L84	0.000	0.025	0.000	0.001
L85	0.000	0.025	0.000	0.001
L86	0.000	0.025	0.000	0.001
L87	0.000	0.025	0.000	0.001
L88	0.000	0.025	0.000	0.001
L89	0.000	0.025	0.000	0.001
L90	0.000	0.025	0.000	0.001
L91	0.000	0.025	0.000	0.001
L92	0.000	0.025	0.000	0.001
L93	0.000	0.025	0.000	0.001
L94	0.000	0.025	0.000	0.001
L95	0.000	0.025	0.000	0.001
L96	0.000	0.025	0.000	0.001
L97	0.000	0.025	0.000	0.001
L98	0.000	0.025	0.000	0.001
L99	0.000	0.025	0.000	0.001
L100	0.000	0.025	0.000	0.001

SOT-23 Soldering Footprint





Disclaimer