



NPN General Purpose Amplifier

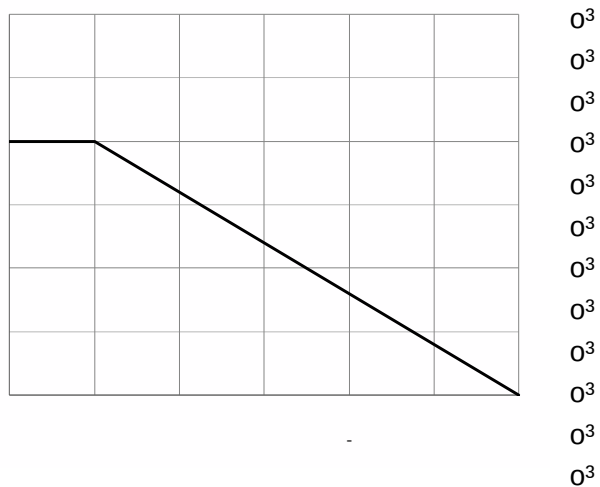
- Features
- z Moisture sensitivity level 10³
 - z

Item	Symbol	Unit	Conditions	Value
Device marking code			BC817-16WS	6A
			BC817-25WS	6B
			BC817-40WS	6C
Collector-base voltage	V _{CBO}	V	I _C =10uA, I _E =0	50
Collector-emitter voltage	V _{CEO}	V	I _C =10mA, I _B =0	45
Emitter-base voltage	V _{EBO}	V	I _E =1uA, I _C =0	5
Collector current	I _C	mA		500
Power dissipation	P _D	mW		200
Junction temperature	T _J	-		-55 to +150
Storage temperature	T _{STG}	-		-55 to +150



BC817-16WS THRU BC817-40WS

Fig 7 P_D-Ta Curve0³

[illegible]



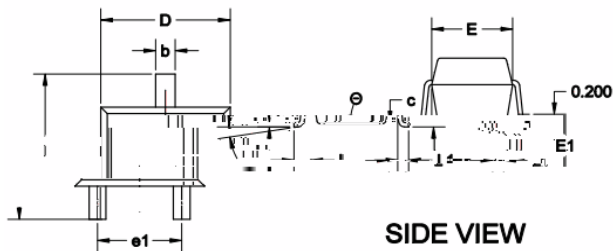
BC817-16WS THRU BC817-40WS

RoHS
COMPLIANT

Ordering Information

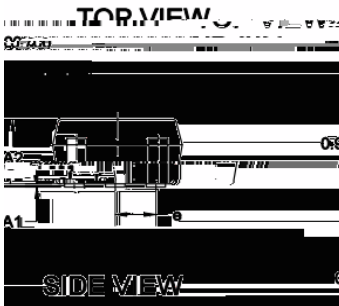
Preferred P/N	Packing code	Unit weight(g)	Minimum package(pcs)	Inner box quantity(pcs)	Outer carton quantity(pcs)	Delivery mode
BC817-16WS THRU BC817-40WS	F2	Approximate 0.005	3000	30000	120000	7" reel

Outline Dimensions



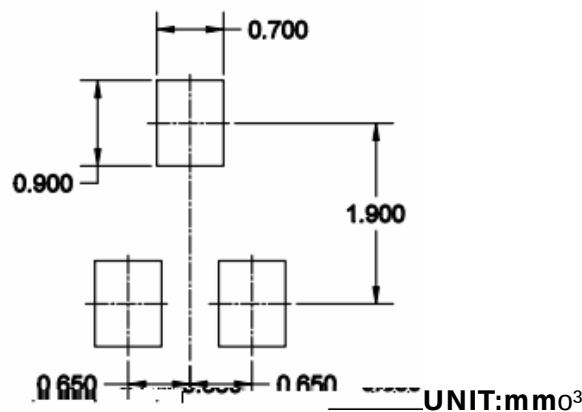
SIDE VIEW

SYMBOL	DIMENSIONS			
	INCHES		MILLIMETER	
	MIN	MAX	MIN	MAX
A	0.035	0.043	0.990	1.100
A1	0.000	0.004	0.000	0.100



SIDE VIEW

Suggested Pad Layout





BC817-16WS THRU BC817-40WS

RoHS
COMPLIANT

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