

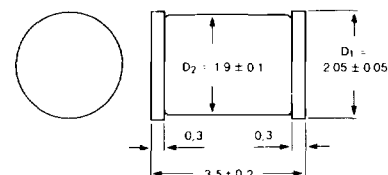
DESCRIPTION

FEATURES

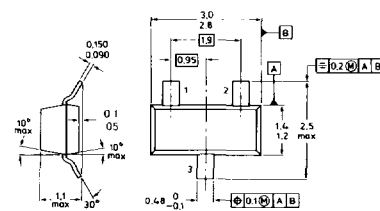
- ## MECHANICAL DATA

SOD-80

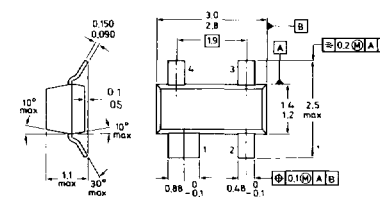
SOD-80



SOD-87



SOT-23 TOP VIEW



SOT-143 TOP VIEW

SMD SCHOTTKY DIODES

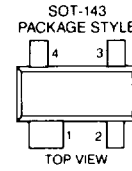
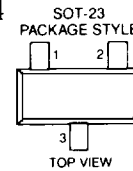
ELECTRICAL SPECIFICATIONS

TYPE	PACKAGE	RATINGS		C _d (max)		V _F		I _R		PINOUT
		V _R V	I _F mA	pF	@V _R V	mV	@I _F mA	MAX μA	@V _R V	
PMBD101	SOT-23	4	10	1	0	600	10	0.25	3	H
PMBD352*	SOT-23	4	10	1	0	600	10	0.25	3	K
PMBD353*	SOT-23	4	10	1	0	600	10	0.25	3	U
BAT17	SOT-23	4	30	1	0	600	10	0.25	3	H
PRL5817	SOD-87	20	1000	70	4	450	1000	1000	20	—
PRL5818	SOD-87	30	1000	50	4	550	1000	500	30	—
PRL5819	SOD-87	40	1000	50	4	600	1000	500	40	—
BAS85	SOD-80	30	200	10	1	400	10	2.0	25	—
BAT54	SOT-23	30	200	10	1	400	10	2.0	25	H
BAT74*	SOT-143	30	200	10	1	400	10	2.0	25	J
BAT54A*	SOT-23	30	200	10	1	400	10	2.0	25	L
BAT54C*	SOT-23	30	200	10	1	400	10	2.0	25	M
BAT54S*	SOT-23	30	200	10	1	400	10	2.0	25	K
BAS86	SOD-80	50	200	8	1	600	10	5.0	40	—

*Dual Diode

PINOUT DIAGRAMS

	PIN 1	PIN 2	PIN 3	PIN 4
PINOUT H: SOT-23	N.C.	A	K	—
PINOUT J: SOT-143	K1	K2	A2	A1
PINOUT K: SOT-23	K1	A2	K2, A1	—
PINOUT L: SOT-23	K1	K2	A1, A2	—
PINOUT M: SOT-23	A1	A2	K1, K2	—
PINOUT U: SOT-23	A1	K2	K1, A2	—



MARKING CODES

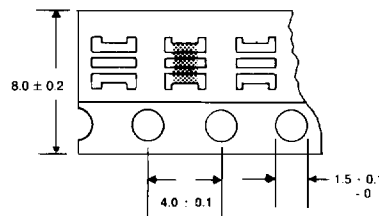
Type No.	Code	Type No.	Code	Type No.	Code	Type No.	Code
BAS85	*	BAT54A	*	PMBD101	4M	PRL5818	*
BAS86	*	BAT54C	*	PMBD352	5G	PRL5819	*
BAT17	A3	BAT54S	*	PMBD353	4F		
BAT54	L4	BAT74	JA	PRL5817	*		

*See individual device data sheet.

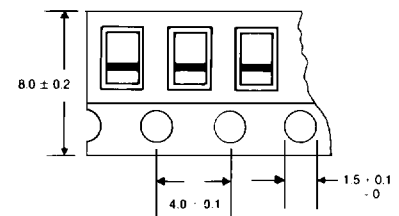
TAPE AND REEL SPECIFICATIONS

(Dimensions in mm)

SM Package	Devices per reel	Reel Size (in)	Tape Width (mm)	Ordering Suffix
SOT-23	3K	7	8	TRL
	10K	13	8	TRL 13
SOT-143	3K	7	8	TRL
	10K	13	8	TRL 13
SOD-80	2.5K	7	8	TRL
	10K	13	8	TRL 13
SOD-87	2K	7	8	TRL

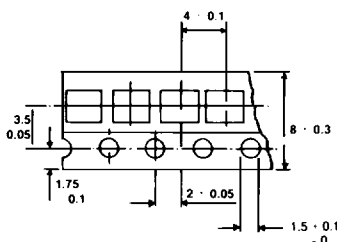


SOD-80
TAPE DIMENSIONS
AND ORIENTATION

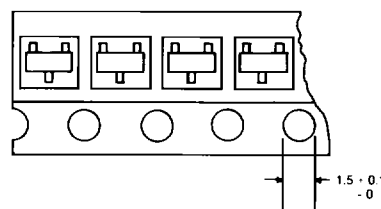


SOD-87
TAPE DIMENSIONS
AND ORIENTATION

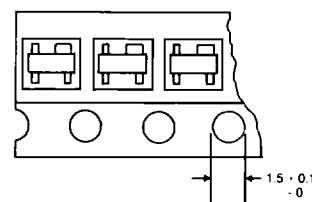
(STANDARD DIODE ORIENTATION IS
CATHODE BAND AT SPROCKET HOLE SIDE)



SOT-23 and SOT-143
TAPE DIMENSIONS



SOT-23
ORIENTATION



SOT-143
ORIENTATION