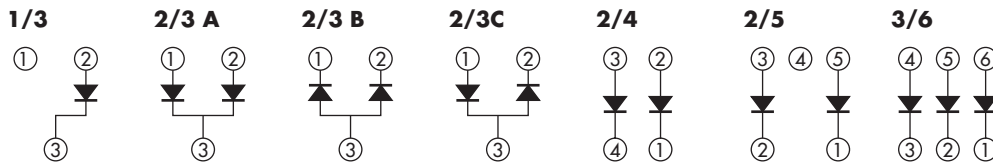


SCHOTTKY BARRIER SWITCHING DIODES



SINGLE, DUAL AND TRIPLE DIODES



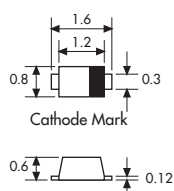
SCHOTTKY BARRIER SWITCHING DIODES

• **New Product**

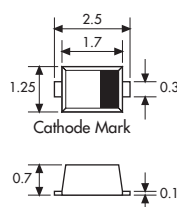
Ta = 25°C				Abs max ratings				Electrical characteristics						
	Circuit		Part	V _{RM}	V _R	I _O	I _{FSM}	V _F	@ I _F	I _R	C _T	@ V _R	SQP	
Part No.	Type	Pkg.	marking	V	V	mA	A	V max	mA	µA max	pF max	V	£ each	
RB521S-30	-	SC-79	C	30	30	200	0.5	0.50	0.2	30	-	-	POA	
RB520S-30	-	SC-79	B	30	30	200	0.5	0.60	200	1	-	-	POA	
• RB551V-30	-	SOD-323	D	30	20	500	2	0.47	500	100	-	-	POA	
RB501V-40	-	SOD-323	4	45	40	100	1	0.55	100	30	6	10	0.19	
RB751V-40	-	SOD-323	5	40	30	30	0.2	0.37	1	0.5	2	1	0.15	
RB451F	1/3	SC-70	3C	20	10	100	1	0.55	0.10	30	-	-	0.20	
RB421D	1/3	SC-59	D3C	20	10	100	1	0.55	0.10	30	-	-	0.15	
• RB420D	1/3	SC-59	-	25	20	100	1	0.45	10	1	-	-	POA	
RB715F	2/3A	SC-70	3D	25	20	30	0.2	0.37	1	1	2	1	0.15	
RB425D	2/3A	SC-59	D3L	20	10	100	1	0.55	0.10	30	-	-	0.15	
• RB705D	2/3A	SC-59	-	25	20	30	0.2	0.37	1	1	-	-	POA	
• RB495D	2/3A	SC-59	-	40	25	400	2	0.50	200	70	-	-	POA	
RB717F	2/3B	SC-70	3E	25	20	30	0.2	0.37	1	1	2	1	0.19	
• RB706F-40	2/3C	SC-70	-	45	40	30	0.2	0.37	1	1	-	-	POA	
• RB706D-40	2/3C	SC-59	-	45	40	30	0.2	0.37	1	1	-	-	POA	
• RB480K	2/4	SOT-343	-	45	40	100	1	0.60	100	1	-	-	POA	
RB471E	2/5	SC-74A	D3G	20	10	100	1	0.55	0.10	30	-	-	0.30	
RB731U	3/6	SC-74	D3P	25	20	30	0.2	0.37	1	1	2	1	0.17	
I _R : V _R = 10v, except RB751V-40: 30v				C _T : f = 1MHz										

I_R: V_R = 10v, except RB751V-40: 30v C_T: f = 1MHz

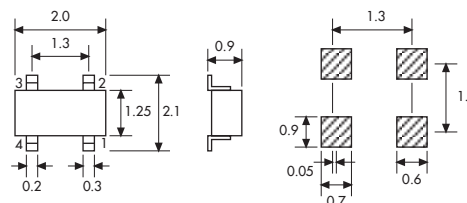
SC-79 DIMENSIONS



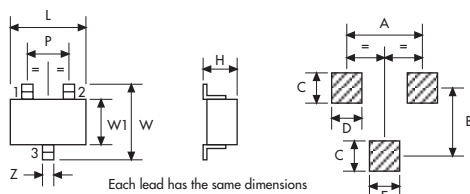
SOD-323 DIMENSIONS



SOT-343 DIMENSIONS AND TYPICAL FOOTPRINT



SC-70, SC-59 DIMENSIONS AND TYPICAL FOOTPRINT

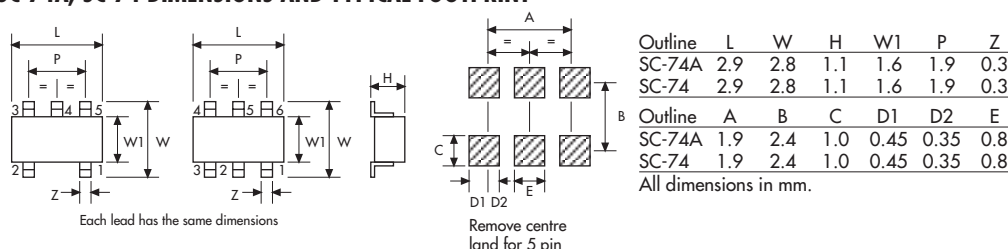


Outline	L	W	H	W1	P	Z
SC-70	2.0	2.1	0.9	1.25	1.3	0.3
SC-59	2.9	2.8	1.1	1.6	1.9	0.4

Outline	A	B	C	D	E
SC-70	1.3	1.6	0.9	0.9	0.8
SC-59	1.9	2.4	1.0	1.0	0.8

All dimensions in mm.

SC-74A, SC-74 DIMENSIONS AND TYPICAL FOOTPRINT



Outline	L	W	H	W1	P	Z
SC-74A	2.9	2.8	1.1	1.6	1.9	0.3
SC-74	2.9	2.8	1.1	1.6	1.9	0.3

Outline	A	B	C	D1	D2	E
SC-74A	1.9	2.4	1.0	0.45	0.35	0.8
SC-74	1.9	2.4	1.0	0.45	0.35	0.8

All dimensions in mm.



The latest comprehensive data to fully support these parts is readily available.

FUNCTIONAL EQUIVALENTS

PART NO.	ROHM
BAR43	RB421D
BAR43C	RB425D
BAT54C	RB425D

CHECK DATA & OUTLINE BEFORE ORDERING

TAPE & REEL SPECIFICATIONS

SC-79, SOD-323, SC-70, SOT-343, SC-74A, SC-74

Tape Width	8mm
Reel Diameter	178mm
Quantity	3,000

SQP – SMALL QUANTITY PRICES

A typical unit price for a quantity of 100 pieces. It will vary (up or down) depending on the time, order value etc. Call us for your update.