

Resistance-Contained Transistor Series(RA or RC Type)

Features, ★ On-chip bias resistance ★ Small-sized package (MCP) ★ Both PNP and NPN types are available
 Applications, ★ SW circuit, ★ Inverter circuit ★ Interface circuit ★ Driver circuit.

Package Indication

Type No. indication on devices

Package	Sign
MCP	Q

RA PNP Type : e.g. Indication for RA101Q is 01A
 ↑
 MCP PNP

RC NPN Type : e.g. Indication for RC101Q is 01C
 ↑
 NPN

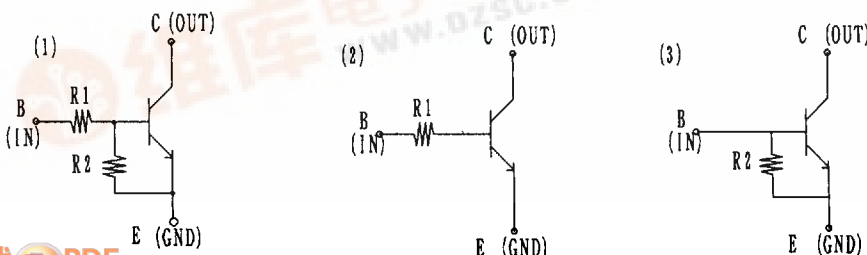
IC=100mA Series (Ta=25°C)

For PNP, (-) sign is omitted.

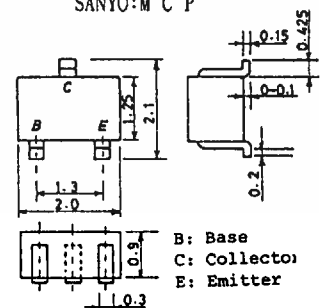
Type No. PNP/NPN	Resistance R1/R2 (KΩ)	Absolute Maximum Ratings					Electrical Characteristics			Type No. PNP/NPN	Related Type No. (Package:CP)
		V _{CEO} (V)	V _{EBO} (V)	I _C (mA)	i _{cp} (mA)	P _C (mW)	V _{CE} /I _C (V/mA)	h _{FE} min	Resistance R1/R2 (KΩ)		
RA101Q/RC101Q	47/47	50	10	100	200	150	5/5	50	47/47	RA101Q/RC101Q	2SA1341/2SC3395
RA102Q/RC102Q	22/22		10				5/5	50	22/22	RA102Q/RC102Q	2SA1342/2SC3396
RA103Q/RC103Q	46/23		10				5/5	50	46/23	RA103Q/RC103Q	2SA1343/2SC3397
RA104Q/RC104Q	10/47		6				5/5	70	10/47	RA104Q/RC104Q	2SA1563/2SC4047
RA105Q/RC105Q	10/10		10				5/10	50	10/10	RA105Q/RC105Q	2SA1344/2SC3398
RA106Q/RC106Q	4.7/47		6				5/5	70	4.7/47	RA106Q/RC106Q	2SA1597/2SC4146
RA107Q/RC107Q	4.7/10		6				5/10	50	4.7/10	RA107Q/RC107Q	2SA1653/2SC4360
RA108Q/RC108Q	4.7/4.7		6				5/10	30	4.7/4.7	RA108Q/RC108Q	2SA1655/2SC4362
RA109Q/RC109Q	2.2/47		6				5/10	80	2.2/47	RA109Q/RC109Q	-
RA110Q/RC110Q	2.2/10		6				5/10	50	2.2/10	RA110Q/RC110Q	2SA1502/2SC3863
RA111Q/RC111Q	47/-		5				5/10	100	47/-	RA111Q/RC111Q	2SA1508/2SC3898
RA112Q/RC112Q	22/-		5				5/10	140	22/-	RA112Q/RC112Q	2SA1589/2SC4120
RA113Q/RC113Q	10/-		5				5/10	100	10/-	RA113Q/RC113Q	2SA1496/2SC3859
RA114Q/RC114Q	4.7/-		5				5/10	100	4.7/-	RA114Q/RC114Q	2SA1510/2SC3900
RA115Q/RC115Q	2.2/-		5				5/10	100	2.2/-	RA115Q/RC115Q	2SA1581/2SC4112
RA116Q/RC116Q	-/47		5				5/10	80	-/47	RA116Q/RC116Q	2SA1571/2SC4066
RA117Q/RC117Q	-/22		5				5/10	70	-/22	RA117Q/RC117Q	2SA1573/2SC4069

In addition to the above we have other packages of 5/6 pin CPs. See the tables.

Electrical connection (NPN)



Case Outlines (unit:mm)
SANYO:MCP



B: Base
C: Collector
E: Emitter

