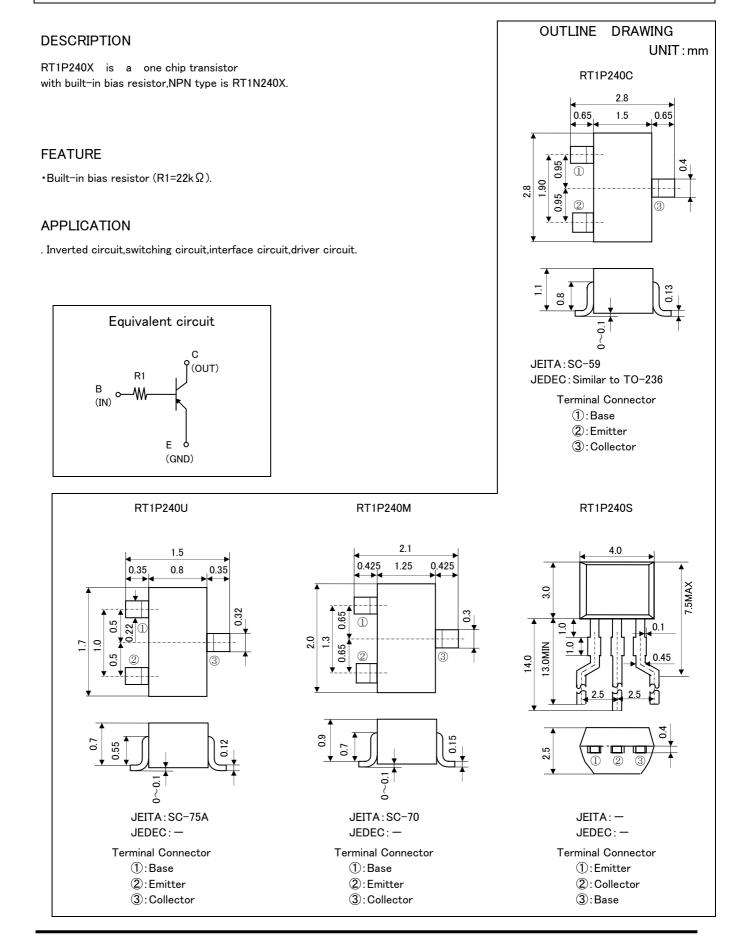
RT1P240X SERIES

(Transistor)

Transistor With Resistor For Switching Application Silicon PNP Epitaxial Type



ISAHAYA ELECTRONICS CORPORATION

RT1P240X SERIES

〈Transistor〉 Transistor With Resistor

For Switching Application Silicon PNP Epitaxial Type

MARKING

RT1P240C RT1P240M RT1P240U	RT1P240S
P Q type name	type name Lot No.

MAXIMUM RATING (Ta=25°C)

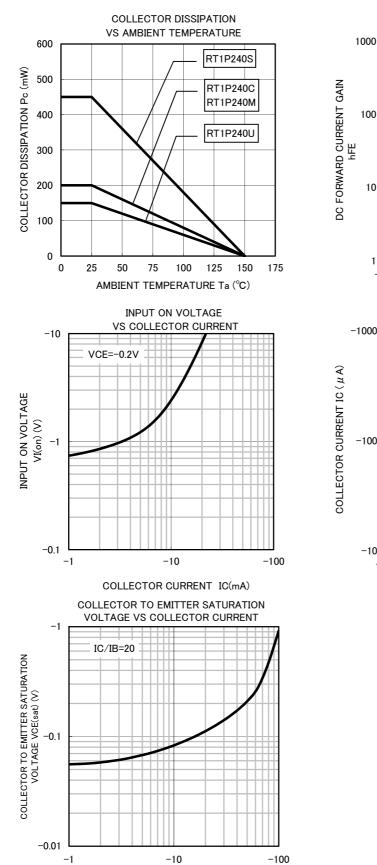
SYMBOL	PARAMETER -	RATING				
		RT1P240U	RT1P240M	RT1P240C	RT1P240S	UNIT
V _{CBO}	Collector to Base voltage	-50				V
V _{EBO}	Emitter to Base voltage	-6				V
V _{CEO}	Collector to Emitter voltage	-50				V
Ι _c	Collector current	-100				mA
I _{CM}	Peak Collector current	-200			mA	
Pc	Collector dissipation(Ta=25°C)	150	20	00	450	mW
Tj	Junction temperature	+150				S°
Tstg	Storage temperature	-55~+150				°C

ELECTRICAL CHARACTERISTICS (Ta=25°C)

SYMBOL PARAMETER	TEST CONDITION	LIMIT			UNIT	
	TEST CONDITION	MIN	TYP	MAX	UNIT	
$V_{(BR)CEO}$	C to E break down voltage	$I_{c} = -100 \mu A, R_{BE} = \infty$	-50	—		V
I _{CBO}	Collector cut off current	V _{CB} =-50V, I _E =0		—	-0.1	μA
I _{EBO}	Emitter cut off current	V_{EB} =-5V, I _c =0	-	—	-0.1	μA
h _{FE}	DC forward current gain	V _{CE} =-5V, I _c =-1mA	100	—	1	—
$V_{CE(sat)}$	C to E saturation voltage	I _c =–10mA, I _B =–0.5mA		—	-0.3	V
R ₁	Input resistor	_	15	22	29	kΩ
f _⊤	Gain band width product	V _{ce} =-6V, I _e =10mA	1	150	1	MHz

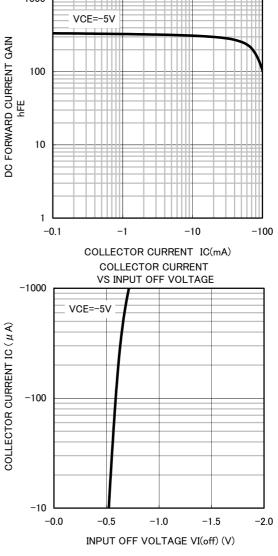
RT1P240X SERIES

Transistor With Resistor For Switching Application Silicon PNP Epitaxial Type



COLLECTOR CURRENT IC(mA)





DC FORWARD CURRENT GAIN

VS COLLECTOR CURRENT

ISAHAYA ELECTRONICS CORPORATION

(Transistor)

ISAHAYA ELECTRONICS CORPORATION

Keep safety first in your circuit designs!

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