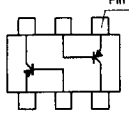
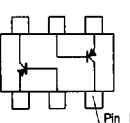
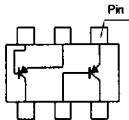
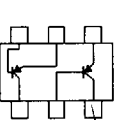
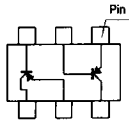
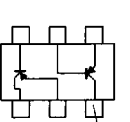
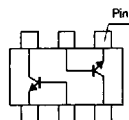
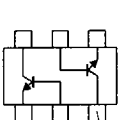
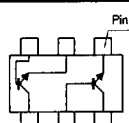
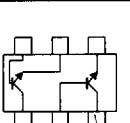
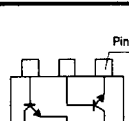
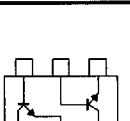
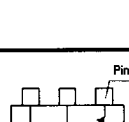
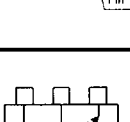
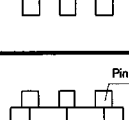
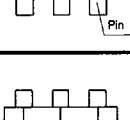
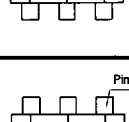
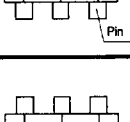


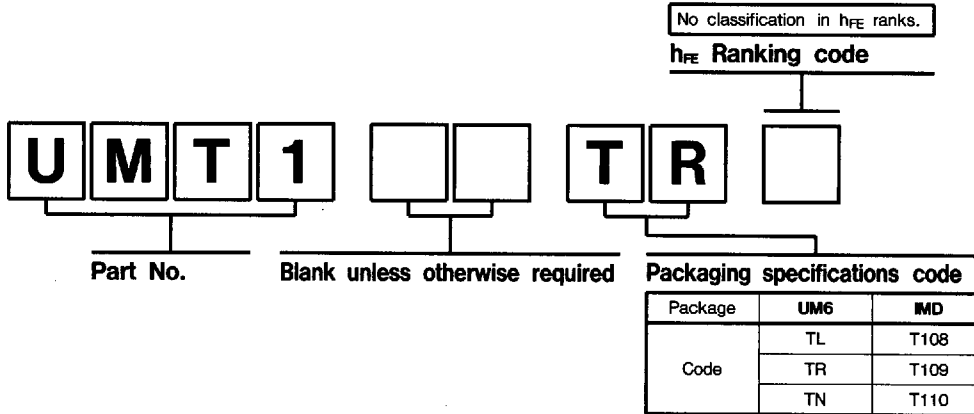
UM6 and IMD packages contain two independent transistors in one small surface mount package.

UM6 • IMD (6 pin type including independent 2 circuits)

Equivalent circuit		Application	Package		Equivalent product	V _{CE0} (V)	I _c (mA)	h _{FE}	V _{CE} (V)	I _c (mA)
TOP VIEW			UM6	IMD						
UM6	IMD		Part No.							
		Pre Amp	UMT1	IMT1A	2SA1037AK × 2	−40	−100	120~	−6	−1
			−	IMT5A	2SA1037AK × 2	−25	−100	390~	−6	−1
		Pre Amp	UMT2	IMT2A	2SA1037AK × 2	−40	−100	120~	−6	−1
		Pre Amp	UMT3	IMT3A	2SA1037AK × 2	−40	−100	120~	−6	−1
			−	IMT4	2SA1514K × 2	−120	−50	180~	−6	−2
		Pre Amp	UMX1	IMX1	2SC2412K × 2	40	100	120~	6	1
			−	IMX7	2SC2411K × 2	32	500	82~390	3	100
			−	IMX9	2SD2114K × 2	20	500	560~2700	3	10
		Pre Amp	UMX2	IMX2	2SC2412K × 2	40	100	120~	6	1
			UMX6	IMX6	2SC2413K × 2	25	50	56~	6	1
		Pre Amp	UMX3	IMX3	2SC2412K × 2	40	100	120~	6	1
			−	IMX8	2SC3906K × 2	120	50	180~	6	2
		TV Tuner	UMX4	IMX4	2SC3837K × 2	18	50	56~180	10	10
		Mix. Osc.	UMX5	IMX5	2SC3838K × 2	11	50	56~180	10	5
		Switching	UMX11	IMX11	2SC2059K × 2	20	20	39~180	6	1
		Pre Amp	UMZ1	IMZ1A	2SA1037AK	−40	−100	120~	−6	−1
					2SC2412K	40	100	120~	6	1
		Pre Amp	UMZ2	IMZ2A	2SA1037AK	−40	−100	120~	−6	−1
					2SC2412K	40	100	120~	6	1
		Pre Amp	−	IMZ3A	2SA1037AK	−25	−100	390~	−6	−1
					2SD2226K	50	100	820~2700	5	1

●Product Designation

Specify part No., packaging specification code and h_{FE} ranking code.



(Unit : mm)

Package	UM6	IMD (SOT-36)
Dimensions	Each lead has same dimensions	Each lead has same dimensions
	Actual size	Enlarged (×3.0)
	Actual size	Enlarged (×3.0)

●Packaging

Package	Packaging type	Packaging style	Direction	Code	Quantity /Package (pcs)	Quantity /Unit (pcs)
UM6	Taping	Embossed reel tape	Pin 1 side on sprocket hole side	TL	3,000	—
			Pin 1 mark side opposite of sprocket hole side	TR		
			Non-directional	TN		
IMD	Taping	Embossed reel tape	Pin 1 mark side opposite of sprocket hole side	T108	3,000	—
			Pin 1 side on sprocket hole side	T109		
			Non-directional	T110		

●Packaging Specifications

(Unit : mm)

UM6 IMD

Reel

Tape

Package	Size		
	A	B	C
UM6	2.2±0.1	2.4±0.1	1.15±0.1
IMD	3.1±0.1	3.2±0.1	1.35±0.1

Package	Code
UM6	TL
IMD	T109

Package	Code
UM6	TR
IMD	T108

(Non-directional)

Package	Code
UM6	TN
IMD	T110