

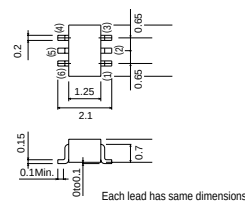
● Features

●Absolute maximum ratings (Ta=25°C)

*1 120mW per element must not be exceeded. PNP type negative symbols have been omitted.
*2 200mW per element must not be exceeded. PNP type negative symbols have been omitted.

Part No.	UMD9N	IMD9A
Package	UMT6	SMT6
Marking	D9	D9
Code	TR	T108
Basic ordering unit (pieces)	3000	3000

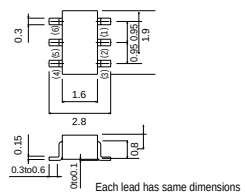
UMD9N



ROHM : UMT6
EIAJ : SC-88

Each lead has same dimensions

IMD9A



ROHM : SMT6
EIAJ : SC-74

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Input voltage	$V_{I(off)}$	-	-	0.3	V	$V_{CC}=5V$, $I_o=100mA$
	$V_{I(on)}$	1.4	-	-		$V_o=0.3V$, $I_i=1mA$
Output voltage	$V_{O(on)}$	-	0.1	0.3	V	$I_o=5mA$, $I_i=0.25mA$
Input current	I_i	-	-	0.88	mA	$V_i=5V$
Output current	$I_{O(off)}$	-	-	0.5	mA	$V_{CC}=50V$, $V_i=0V$
DC current gain	G_I	68	-	-	-	$I_o=5mA$, $V_o=5V$
Input resistance	R_i	7	10	13	kW	-
Resistance ratio	R_2/R_1	3.7	4.7	5.7	-	-

PNP type negative symbols have been omitted.