

Technical Data

TRANSISTOR



maximum ratings

Voltage, Collector to Base (VCBO)	65.0	V	NO.	BLY93H
Voltage, Collector to Emitter (VCE)	36.0	V	TYPE	RF-POWER
Voltage, Emitter to Base (VEBO)	4.0	V		MATCHED
Collector Current (IC)	3.0	A		
Base Current (IB)	0.5	A	CASE	SOT-120_M-4
Max. Power Dissipation (PT) at TC = 25 °C	70.0	W		
Max. Thermal Resistance (Rth J-C)	2.5	°C/W		
Max. Junction Temperature (TJ)	200.0	°C		

PERFORMANCE CHARACTERISTICS at $T_c = 25^\circ\text{C}$, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.					
2.	-	SEE BLY93C - PLUS	0.0	0.0	-
3.					
4.	hFE	VCE = 5.0 V, IC = 1.0 A	36.0	120.0	-
5.					
6.	-	GROUP - A ROT / RED	36.0	44.0	-
7.	-	GROUP - B GRUEN / GREEN	44.0	54.0	-
8.	-	GROUP - C WEISS / WHITE	54.0	66.0	-
9.	-	GROUP - D SCHWARZ / BLACK	66.0	81.0	-
10.	-	GROUP - E BLAU / BLUE	81.0	99.0	-
11.	-	GROUP - F GELB / YELLOW	100.0	120.0	-
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

Notes

DIMENSIONS
in mm

Marking BLY93H, PLUS COLOUR - DOT
Customer GENERAL PURPOSE (REV3)

