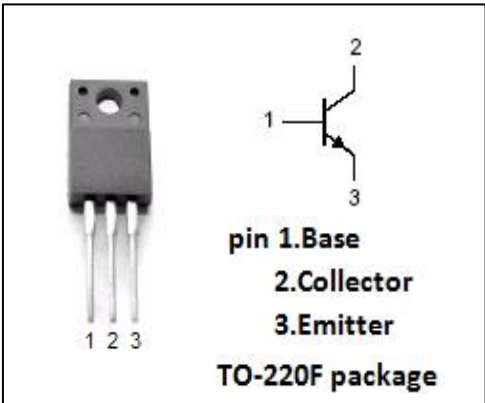
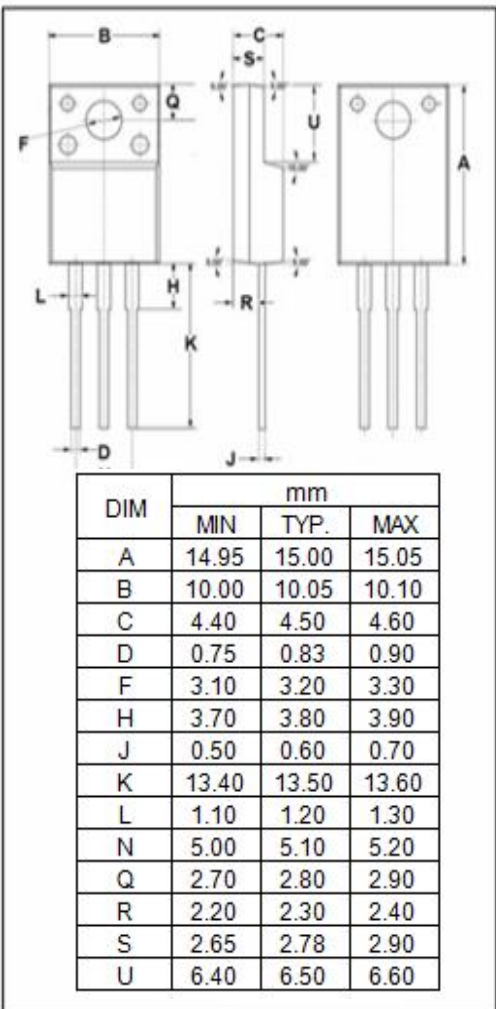


isc Silicon NPN Power Transistor
2SC5264LS
DESCRIPTION

- Collector-Emitter Breakdown Voltage
 $-V_{(BR)CEO} = 450V(\text{Min})$
- Collector-Emitter Saturation Voltage
 $-V_{CE(sat)} = 1.0V(\text{Max}) @ I_c = 2.5A$


ABSOLUTE MAXIMUM RATINGS(Ta=25°C)

SYMBOL	PARAMETER	VALUE	UNIT
V_{CBO}	Collector-Base Voltage	1000	V
V_{CEO}	Collector-Emitter Voltage	450	V
V_{EBO}	Emitter-Base Voltage	9	V
I_c	Collector Current-Continuous	5	A
I_{CP}	Collector Current (Pulse)	10	A
P_c	Collector Power Dissipation	30	W
T_J	Junction Temperature	150	°C
T_{stg}	Storage Temperature Range	-55~150	°C



isc Silicon NPN Power Transistor

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ELECTRICAL CHARACTERISTICS (T_C=25°C unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT
V _{(BR)EBO}	Emitter-Base Breakdown Voltage	I _E = 10mA; I _C = 0	9	--	V
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage	I _C =100mA; I _B = 0	450	--	V
I _{CBO}	Collector Cutoff Current	V _{CB} = 450V ; I _E = 0	--	10	uA
I _{EBO}	Emitter Cutoff Current	V _{EB} = 9V; I _C =0	--	1.0	mA
V _{CE(sat)}	Collector-Emitter Saturation Voltage	I _C = 2.5A; I _B = 0.5A	--	1.0	V
V _{BE(sat)}	Base -Emitter Saturation Voltage	I _C = 2.5A; I _B = 0.5A	--	1.5	V
h _{FE1}	DC Current Gain	I _C = 0.3A; V _{CE} = 5V	30	50	
h _{FE2}	DC Current Gain	I _C = 2A; V _{CE} = 5V	10	--	

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