

POWER TRANSISTOR

BIPOLAR POWER TRANSISTORS

I _c Max. Contin. Collector Current (Amps)	PACKAGE TYPE		NPN / PNP V _{CB0} (Collector to Base Voltage)					
			NPN			PNP		
			80V	100V	125V	80V	100V	125V
8.0	 S HD-5	CONFIG.						
		SINGLE	SHD4182					
5.0		SINGLE			SHD4181		SHD4184	
4.0		SINGLE				SHD4183		
8.0	 S HD-5A	SINGLE	SHD4182A					
5.0		SINGLE			SHD4181A		SHD4184A	
4.0		SINGLE				SHD4183A		
8.0	 S HD-5B	SINGLE	SHD4182B					
5.0		SINGLE			SHD4181B		SHD4184B	
4.0		SINGLE				SHD4183B		

BIPOLAR POWER TRANSISTORS

NPN, SURFACE MOUNT

SHD4181	80	125	8.0	5.0	10	5.0	20	-	2.3	2N3721	 SHD-5
SHD4182①	80	80	5.0	8.0	4.0	3.0	750	18K	3.7	2N6301	
SHD4181A	80	125	8.0	5.0	10	5.0	20	-	2.3	2N3721	 SHD-5A
SHD4182A①	80	80	5.0	8.0	4.0	3.0	750	18K	3.7	2N6301	
SHD4181B	80	125	8.0	5.0	10	5.0	20	-	2.3	2N3721	 SHD-5B
SHD4182B①	80	80	5.0	8.0	4.0	3.0	750	18K	3.7	2N6301	

PNP, SURFACE MOUNT

SHD4183	80	80	7.0	4.0	.25	1.0	30	120	5.8	2N3741	 SHD-5
SHD4184	100	100	6.0	5.0	2.0	2.0	60	240	3.0	2N6193	
SHD4183A	80	80	7.0	4.0	.25	1.0	30	120	5.8	2N3741	 SHD-5A
SHD4184A	100	100	6.0	5.0	2.0	2.0	60	240	3.0	2N6193	
SHD4183B	80	80	7.0	4.0	.25	1.0	30	120	5.8	2N3741	 SHD-5B
SHD4184B	100	100	6.0	5.0	2.0	2.0	60	240	3.0	2N6193	

Notes: -All ratings are at T_C = 25°C unless otherwise specified.
 -Maximum operating and storage temperature -55°C to +150°C.

-Ceramic seals and GlidCop® leads available.

① Darlington Type.

PINOUTS

DEVICE TYPE	PIN 1	PIN 2	PIN 3
BIPOLAR TRANSISTOR, TO-257, SHD-5, SHD-5A, SHD-5B	COLLECTOR	BASE	EMITTER