

**Part Number = PG1111B**

**Manufacturer Name = Stanley Electric Co Ltd**

**Description = Si NPN Power BJT**

**$V_{(BR)CEO} (V) = 160$**

**$V_{(BR)CBO} (V) = 170$**

**$I_{(C) Abs.} (A) \text{ Collector Current} = 2.0$**

**Absolute Max. Power Diss. (W) = 16**

**$I_{(CBO) Max.} (A) = 0.1u$**

**$@V_{(CBO)} (V) \text{ (Test Condition)} = 60$**

**$V_{(CE)sat Max.} (V) = 1.5$**

**$@I_{(C)} (A) \text{ (Test Condition)} = 2.0$**

**$@I_{(B)} (A) \text{ (Test Condition)} = 0.2$**

**$h_{(FE) Min.} \text{ Static Current Gain} = 30$**

**$h_{(FE) Max.} \text{ Current gain.} = 90$**

**$@I_{(C)} (A) \text{ (Test Condition)} = 0.5$**

**$@V_{(CE)} (V) \text{ (Test Condition)} = 5.0$**

**$f_{(T) Min.} (Hz) \text{ Transition Freq} = 90M$**

**$C_{(obo)} (Max) (F) = 50p$**

**$@V_{(CB)} (V) \text{ (Test Condition)} = 10$**

**$@Freq. (Hz) \text{ (Test Condition)} = 1.0M$**

**Package = TO-66**

**Military = N**