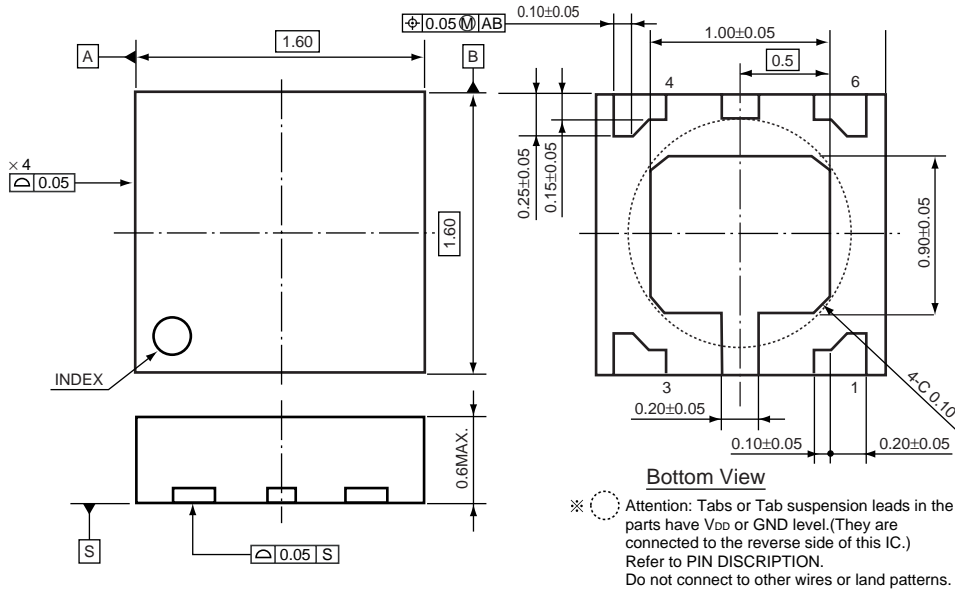


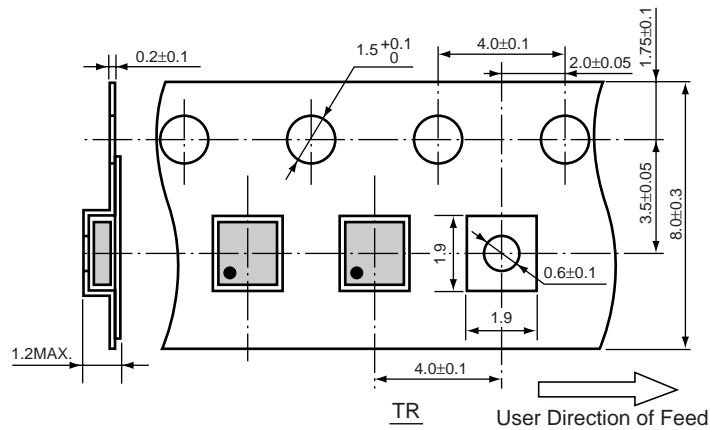
• DFN(PLP)1616-6

Unit: mm

PACKAGE DIMENSIONS

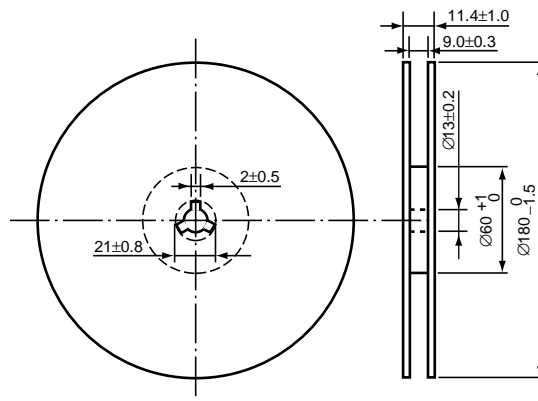


TAPING SPECIFICATION



TAPING REEL DIMENSIONS

(1reel=5000pcs)



### POWER DISSIPATION (PLP(DFN)1616-6)

This specification is at mounted on board. Power Dissipation ( $P_D$ ) depends on conditions of mounting on board.

This specification is based on the measurement at the condition below:

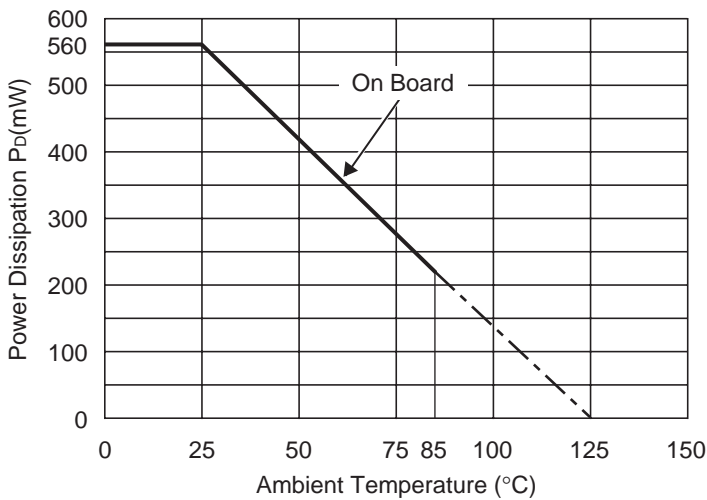
(DFN(PLP)1616-6 is a reference value calculated from the DFN(PLP)1820-6 package.)

Measurement Conditions

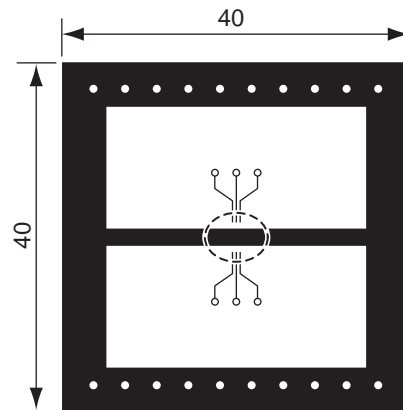
	Standard Land Pattern
Environment	Mounting on Board (Wind velocity=0m/s)
Board Material	Glass cloth epoxy plactic (Double sided)
Board Dimensions	40mm × 40mm × 1.6mm
Copper Ratio	Top side : Approx. 50% , Back side : Approx. 50%
Through-hole	φ0.54mm × 30pcs

Measurement Result (T<sub>opt</sub>=25°C, T<sub>jmax</sub>=125°C)

	Standard Land Pattern
Power Dissipation	560mW
Thermal Resistance	$\theta_{ja}=(125-25^\circ\text{C})/0.56\text{W}=179^\circ\text{C/W}$



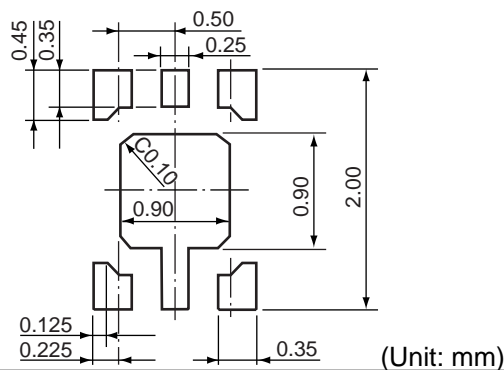
Power Dissipation



Measurement Board Pattern

○ IC Mount Area Unit : mm

### RECOMMENDED LAND PATTERN



(Unit: mm)