

Universal SCR trigger transformer



Model:KMB3081-101

Characteristics:

Suitable for triggering of single pulse or pulse string SCR over 4000A.

Technical index:

Mounting type: PCB

Flame resistance : UL94-V0

Operation temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Storage temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Work frequency: 1KHz $\sim$ 10KHz

Dielectric strength: 3KV 50Hz 1min

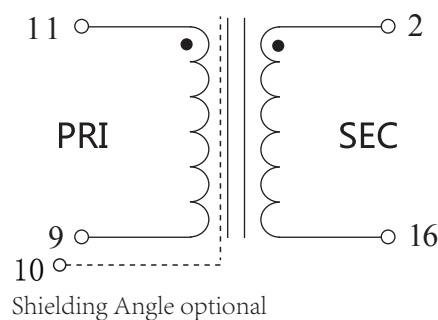
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Vout microsecond integral	1200	μVs
Pulse width (D=1:2)	150	μs
Turns ratio	1:1	
Input amplitude	8	V
Output amplitude	≥ 6	V
Load resistance	6	Ω
Leading edge time	≤ 5	μs
Main circuit operating voltage	≤ 380	V
Weight		g

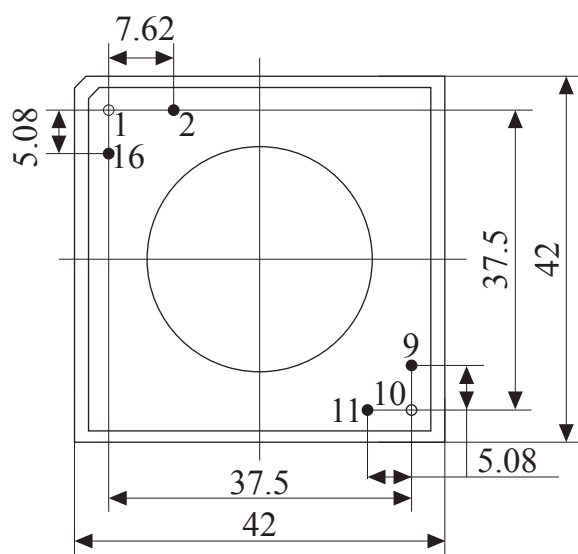
Product picture print for reference only,
subject to the actual product



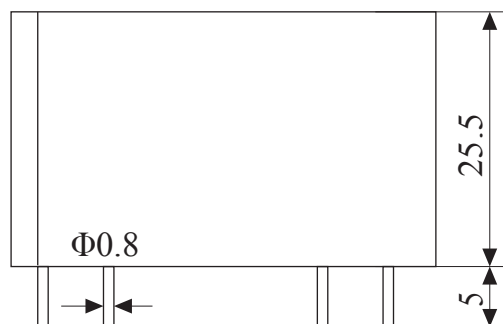
Schematic diagram:



Dimensions (in mm ± 0.5) :



Bottom view



Front view