

# REFERENCE DATA

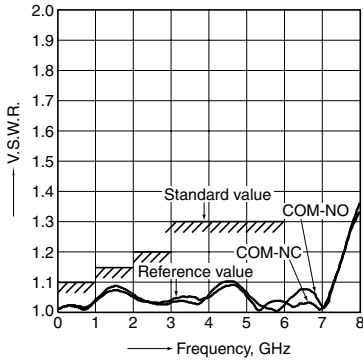
## 1. High frequency characteristics

Sample: ARN10A12

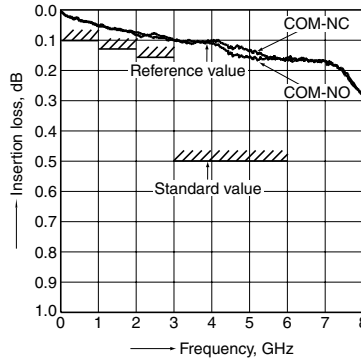
Measuring method: Measured with Agilent Technologies network analyzer (E8363B).

\* For details see "9. Measuring method of High frequency characteristics (Impedance 50Ω)" under "NOTES".

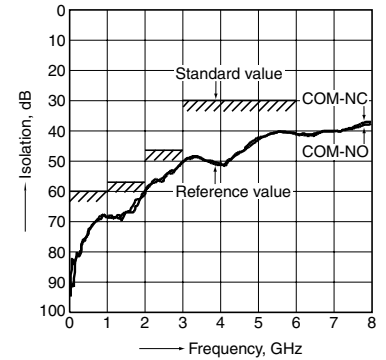
### • V.S.W.R. characteristics



### • Insertion loss characteristics (without D.U.T. board's loss)



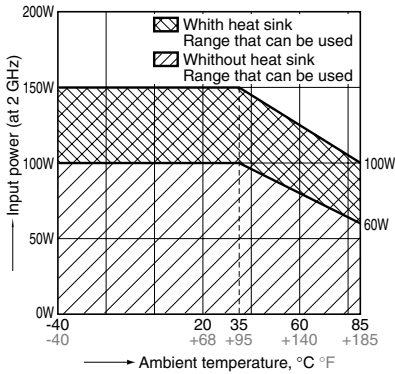
### • Isolation characteristics



## 2. Contact carrying power (CW)

Max. 150 W (with heat sink) (at 2 GHz, Impedance 50Ω, V.S.W.R. Max. 1.15, at 20°C 68°F)

Max. 100 W (without heat sink) (at 2 GHz, Impedance 50Ω, V.S.W.R. Max. 1.15, at 20°C 68°F)



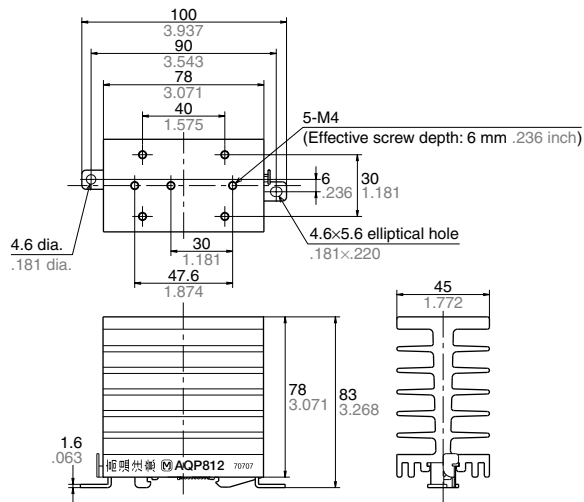
Measuring conditions:

Heat sink (AQP-HS-SJ20A) is used. (Reference: 2.9°C 37.22°F/W)

### Heat sink (AQP-HS-SJ20A) (mm inch)



### External dimensions



General tolerance:  $\pm 0.1 \pm 0.04$

# RN (ARN)

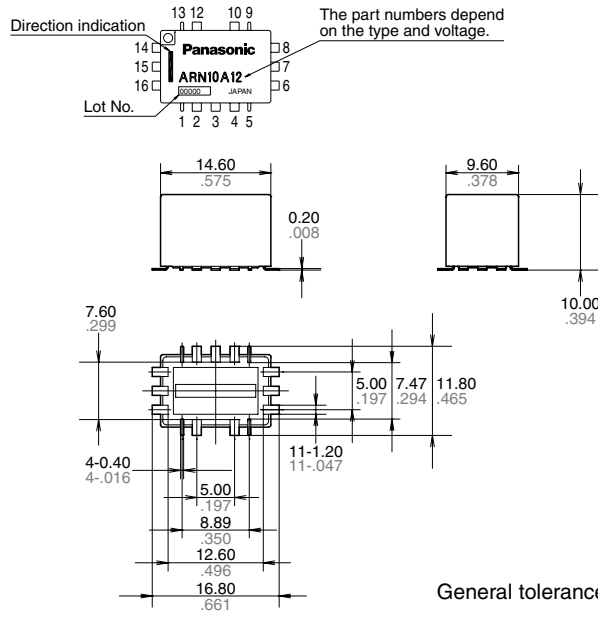
## DIMENSIONS (mm inch)

The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

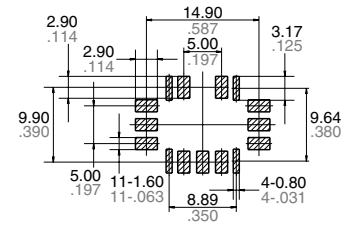
### CAD Data



### External dimensions



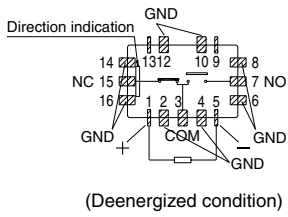
### PC board pattern



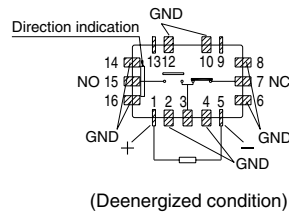
General tolerance:  $\pm 0.3 \pm 0.012$

## Schematic

Single side stable type/Standard contact type



Single side stable type/Reversed contact type



2 coil latching type/Standard contact type

