

# DIMM SOCKET (SINGLE ROW AND STACKED)

## FCN-07 SERIES

### ■ FEATURES

- A socket connector for 72 pin small outline (SO) DIMM as recommended by JEDEC in a "stacked" or dual slot configuration.

DIMM — Dual Inline Memory Module

JEDEC — Joint Electronic Device  
Engineering Council

- A stacked socket (2 x 72) that will accept two 72 -pin SO DIMMs by using both the upper and lower slot, effectively using minimal PCB space.
- The "stacked" socket (2 x 72) has an independent structure of molded plastic, providing stability of design.
- Metal fittings are available to prevent the pad peeling off by torsional force.
- SMT construction (2 row).
- A socket connector for 144-pin DIMM module (3.3v or 5v) in a right angle surface mount allows mounting of components up to 1.5mm in height.
- Both designs offer a positive locking mechanism built into the latching of the DIMM module in the connector.



### ■ MATERIALS

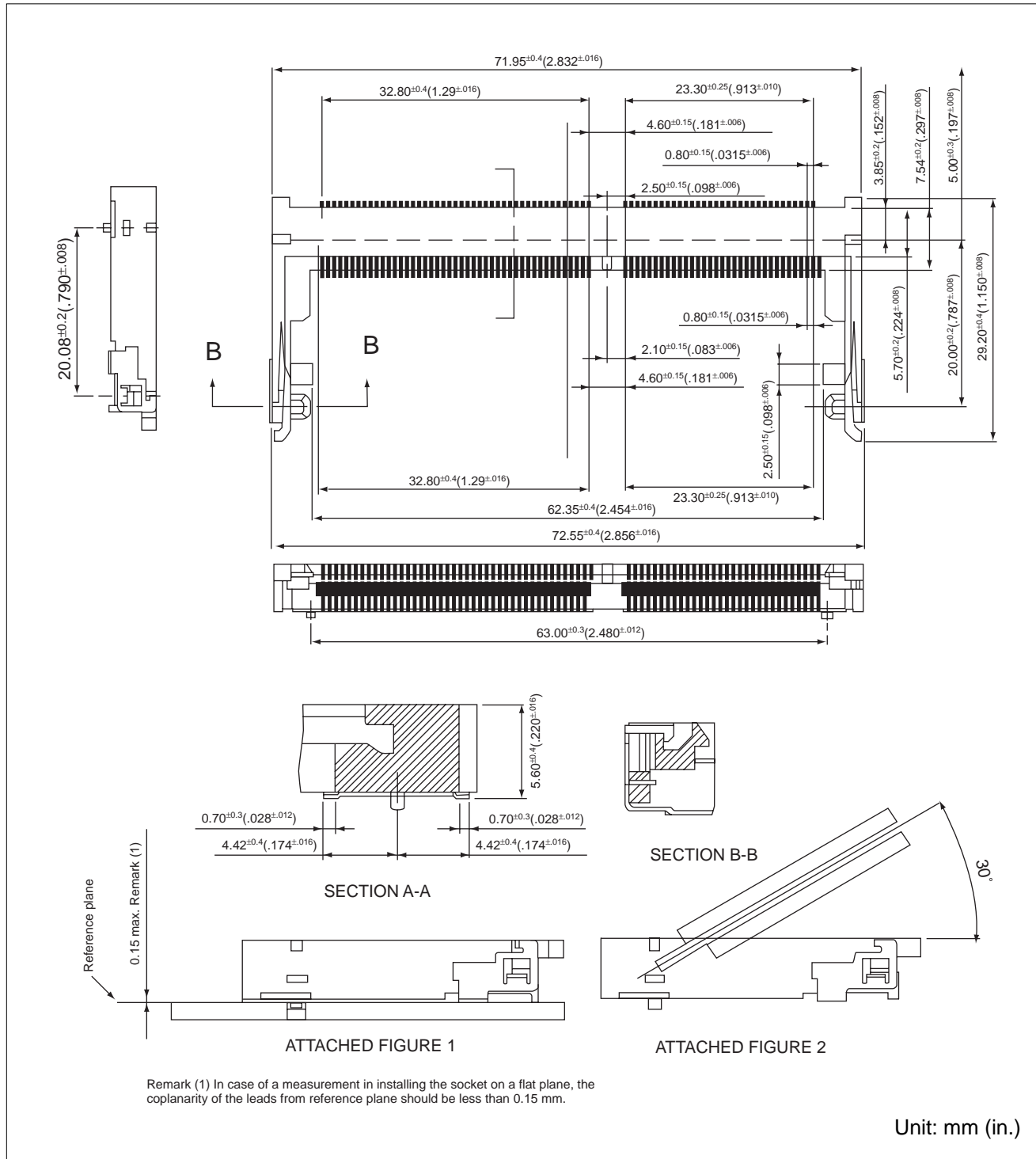
Item	Material
Insulator	LCP
Conductor	Copper alloy
Plating	Contact: Gold (Pagos) Terminal: Pb/Sn

### ■ SPECIFICATIONS

Item	Specification
Operating temperature range	-55°C to +85°C
Current rating	5A DC
Voltage rating	100V DC
Contact resistance	100 mΩ max.
Insulation resistance	250V DC, 1000MΩ min.
Dielectric strength	250V AC, 1 min.

## RIGHT ANGLE 144-PIN SINGLE SLOT DIMM SOCKET (SMT)

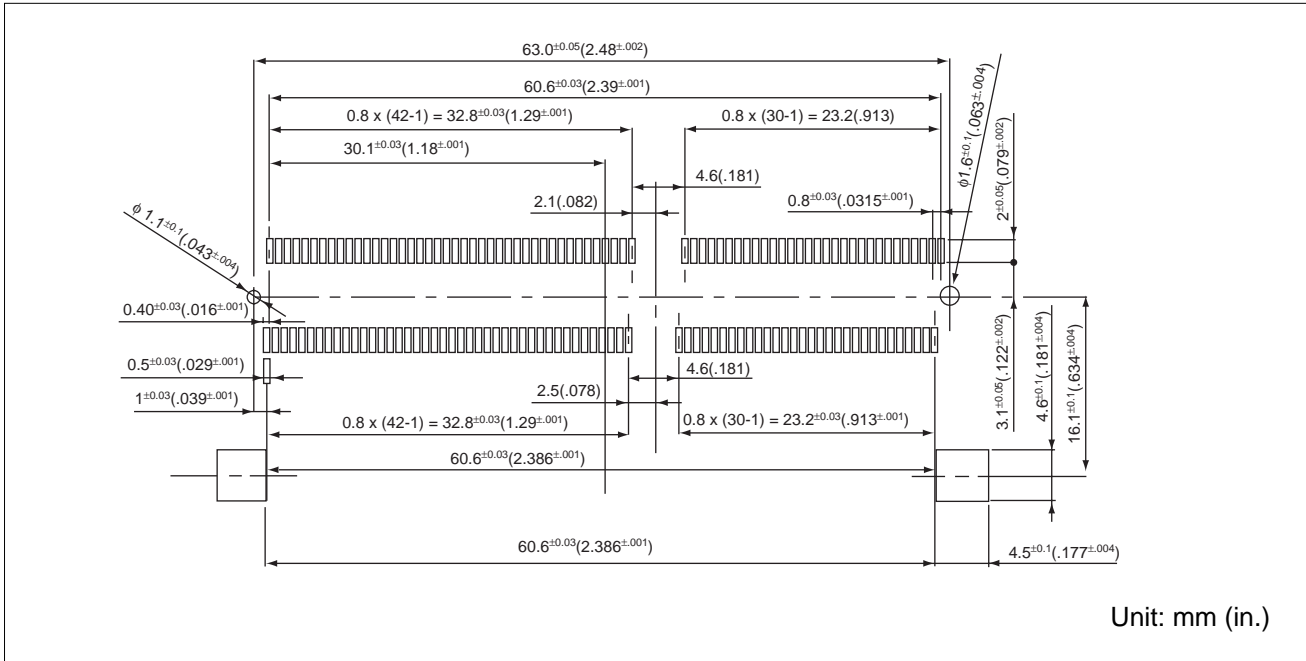
### ■ DIMENSIONS



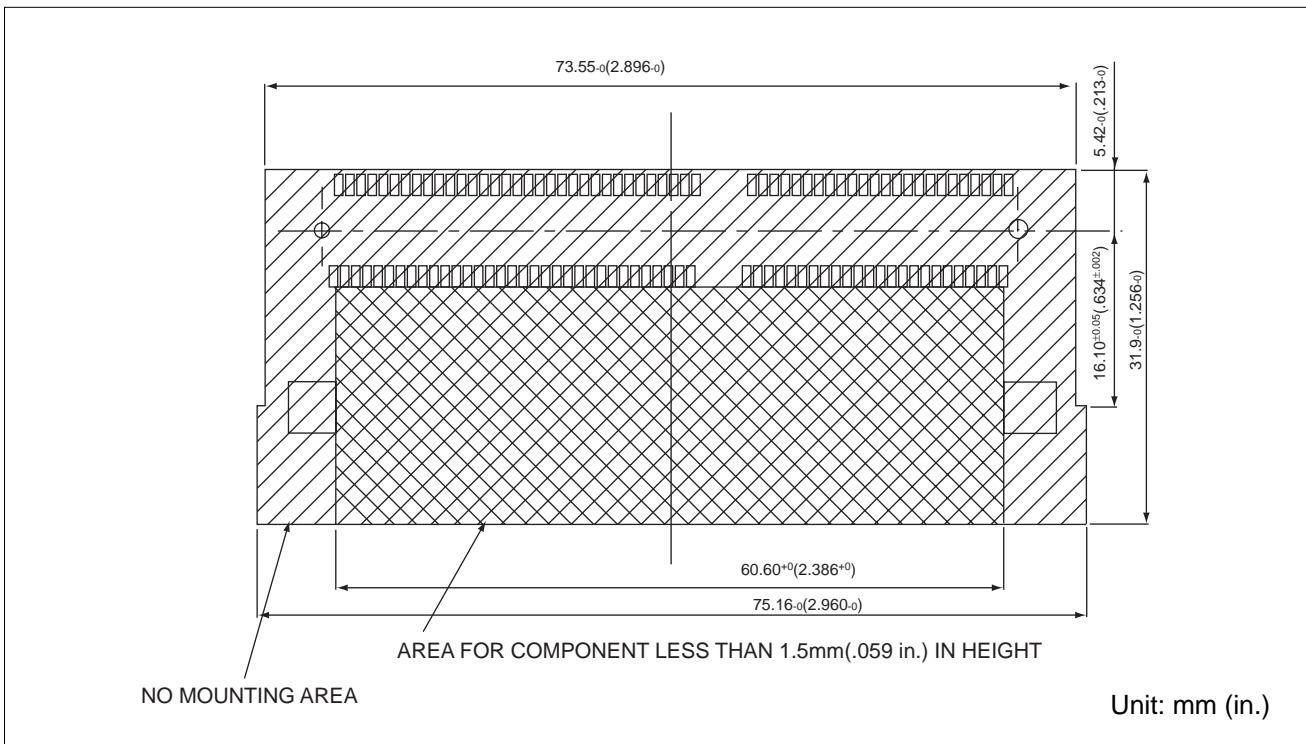
### ■ PART NUMBER

FCN-078J144-G/0A

## ■ FOOT PRINT FOR FCN-078J144-G/0A

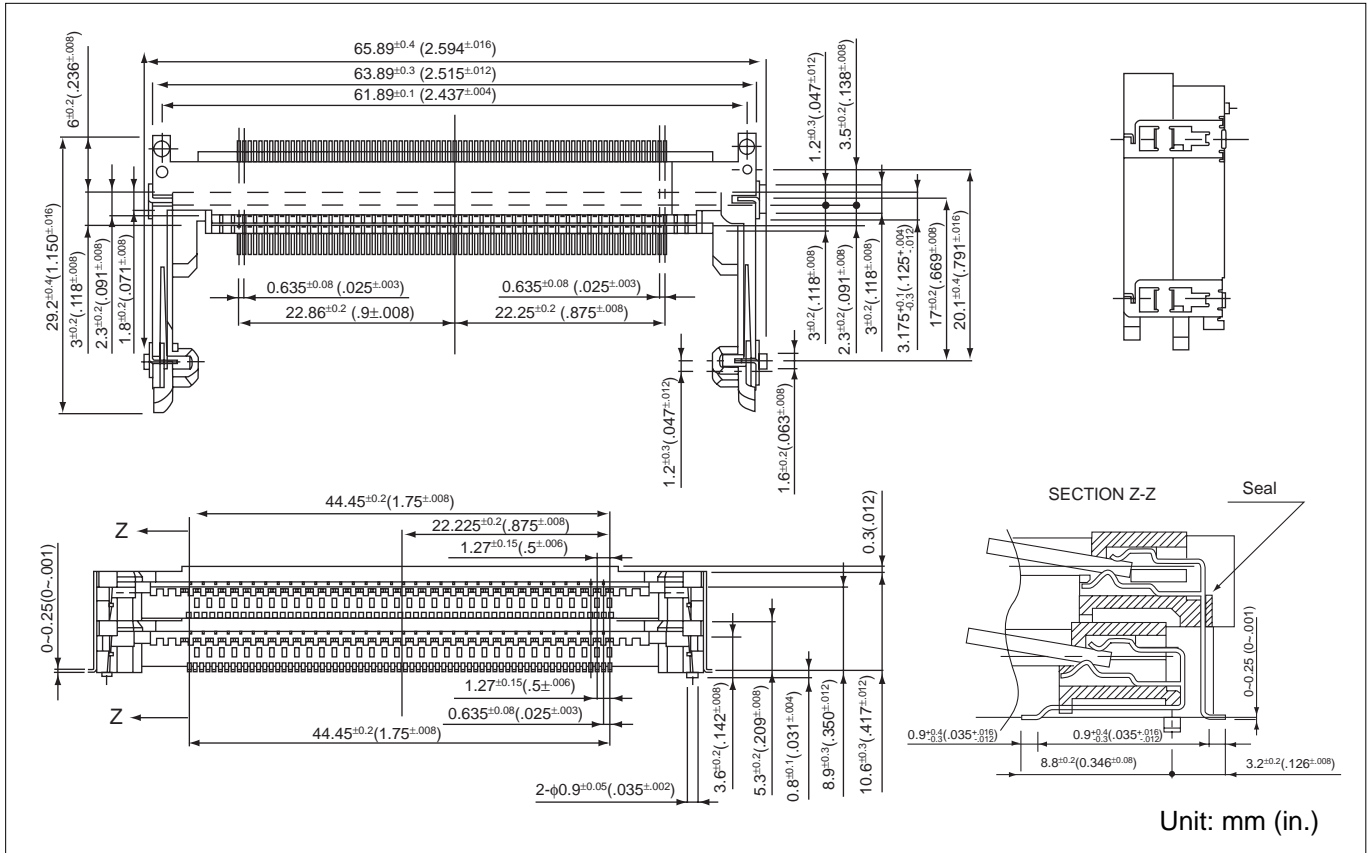


## ■ RESTRICTIONS FOR MOUNTING COMPONENTS

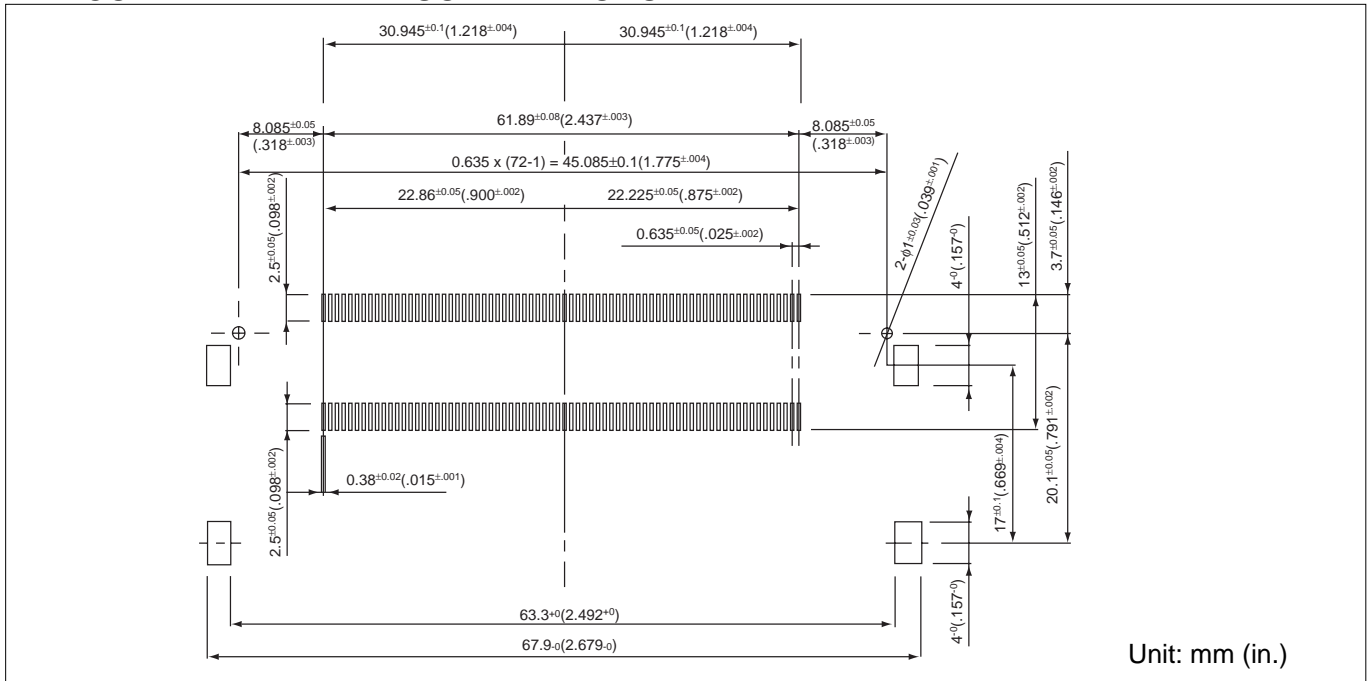


## RIGHT-ANGLE STACKED (SMT TERMINAL) 2 X 72-PIN SO DIMM SOCKET

### ■ DIMENSIONS



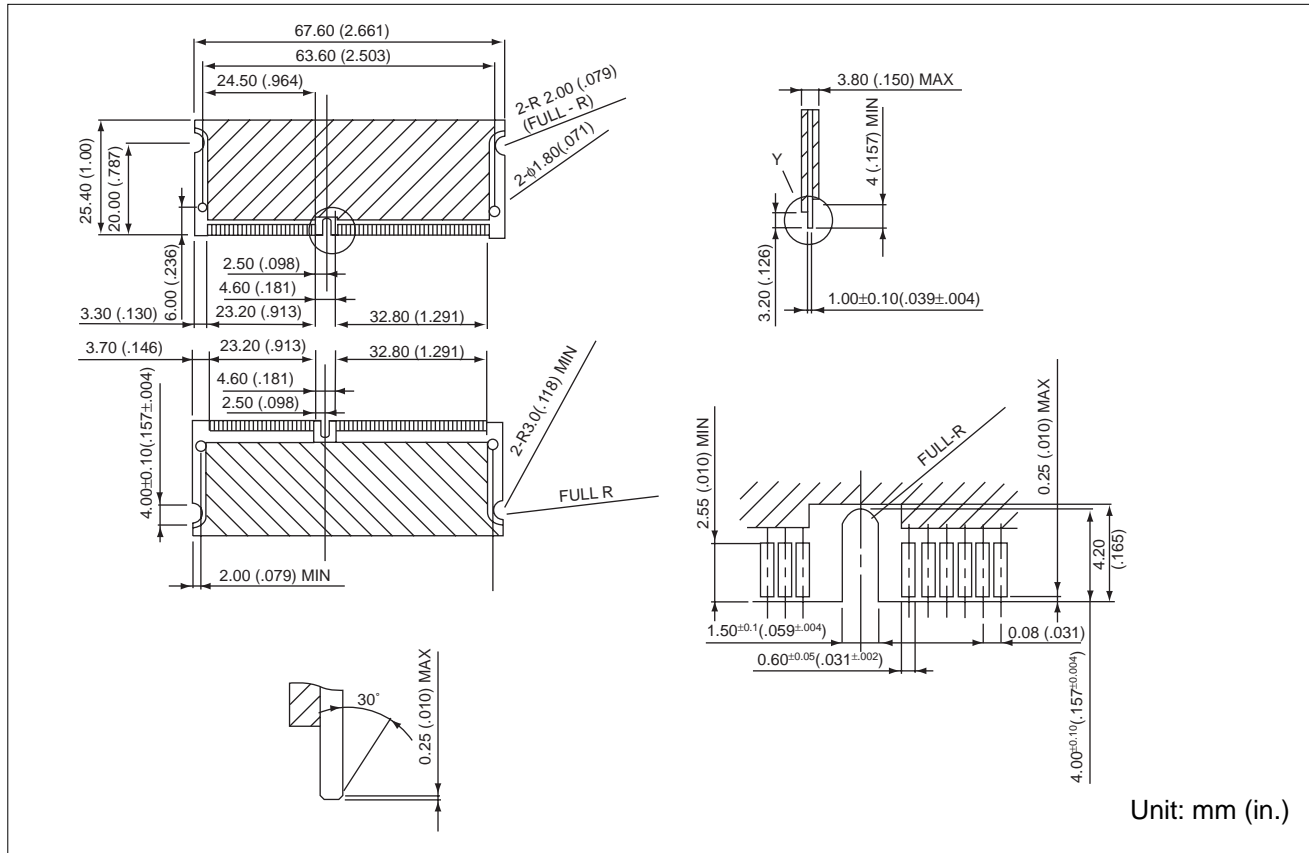
### ■ RECOMMENDED 72-PIN SO DIMM MODULE



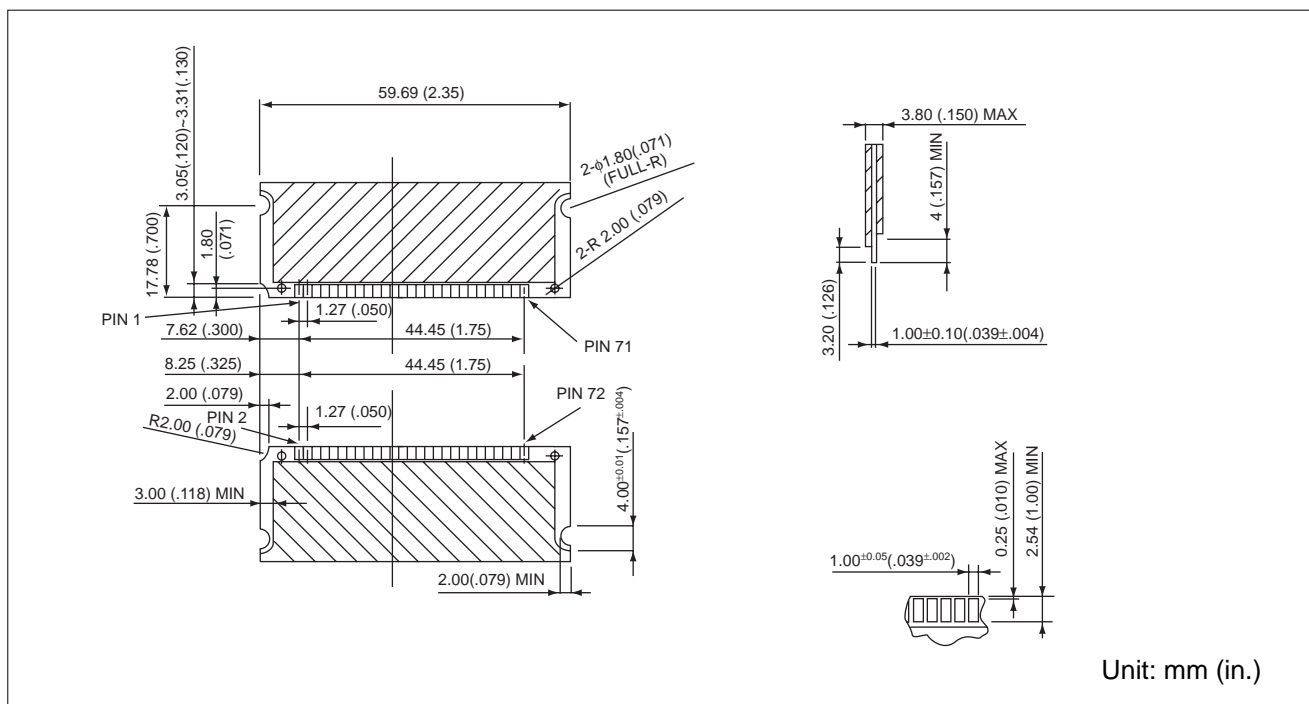
### ■ PART NUMBER

FCN-078J144-G/Z

## RECOMMENDED 144-PIN 3.3V SO DIMM MODULE



## RECOMMENDED 72-PIN SO DIMM MODULE



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