# DMD - Series  SO - DIMM Sockets
# for 144-pin DRAM module

RoHS compliant

**E-tec Interconnect**

SO-DIMM sockets for **DRAM's** are made of hi-temp resistant plastic.
Available in three different PC-board distances, also as "Piggyback".
Insertion & extraction of the module can be made without any tools.
Positive polarization prevents wrong insertion of the module.
Contacts are designed with an anti-overstress feature for long contact life.

*Piggyback aplication*

## Socket dimension



## PC Board  SM Layout



*Layout NOT for "Piggyback" - Type!*
*"Piggyback" Layout as attach*

## Module feature



all tolerances ±0.10 if not otherwise specified

## Module keying type

### Type "A"



### Type "B"



### Type "C"
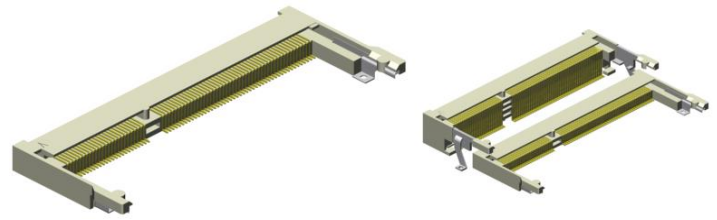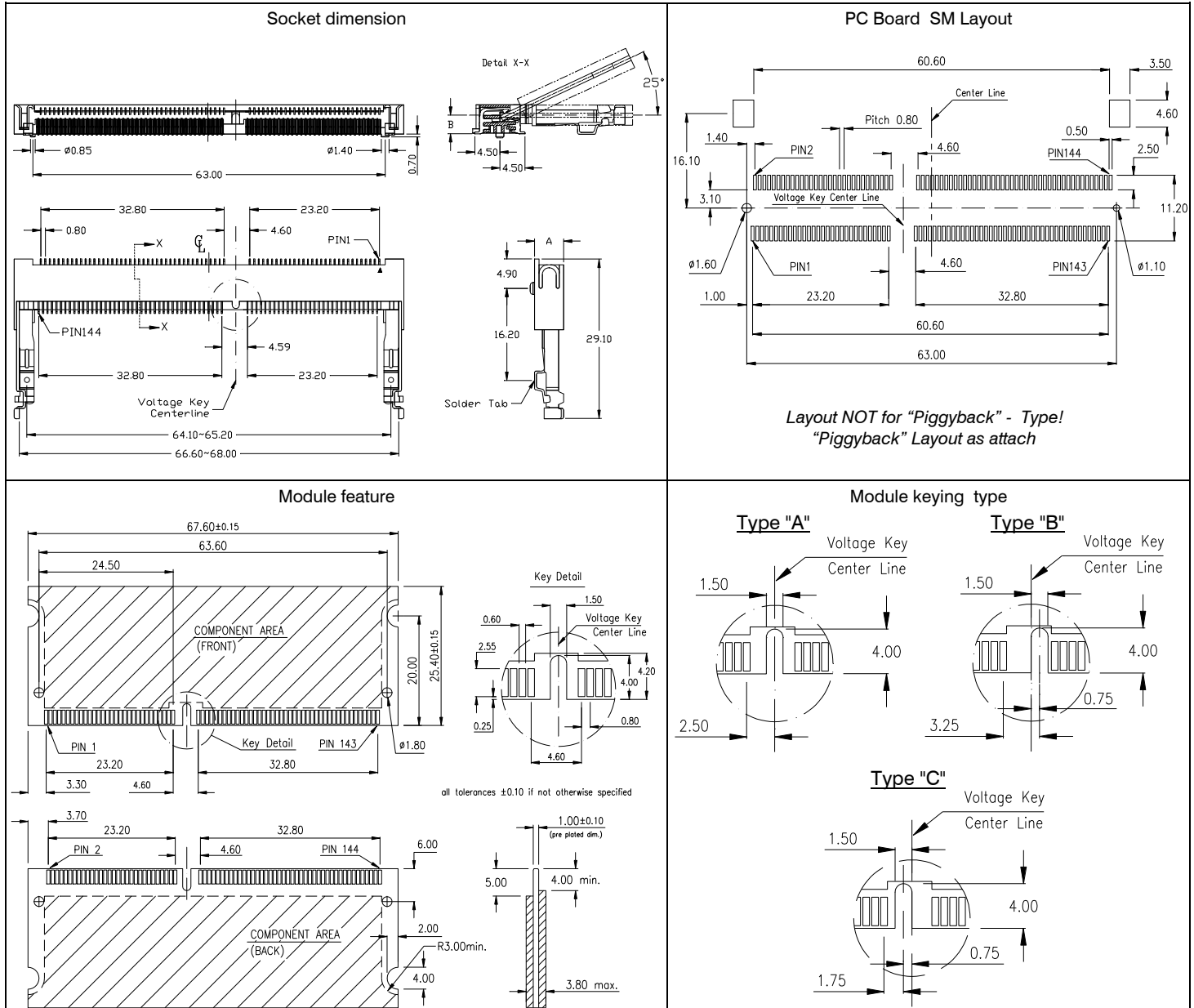


## Specification

| | | | |
|---|---|---|---|
| Current rating | 0.3 A | | |
| Voltage rating | 25 V AC | | |
| Insulation resistance | 250 MΩ min. (initial) | Insulator *(RoHS compliant)* | high temp plastic (ivory)  UL 94 V-0 |
| | 50 MΩ max. (final) | Contact *(RoHS compliant)* | Phosphor bronze |
| Contact resistance | 35 mΩ max. | Plating *(RoHS compliant)* | Au over Ni |
| Operating temperature | -55°C to +85°C min. | Lifetime | 25 cycles min. |
| Processing temperature | +250°C  0/-5° for 20~40 sec. | Latch *(RoHS compliant)* | Stainless Steel, Ni *(leadfree)* plated |

| Pin | DRAM Socket Type | Dimension | | Ordering Code | | |
|---|---|---|---|---|---|---|
| | | "A" | "B" | 3.3 Volt Key Type "A" | x.x Volt Key Type "B" | 5.0 Volt Key Type "C" |
| 144 pin | "Standard" - Profile | 5.20 mm | 3.30 mm | **DMD - 144 - RSA9 - 55** | | *available on request* |
| 144 pin | "Piggyback" - Profile *Use as Piggyback together with "Standard"-Profile "A" = 5.20 mm height* | 9.20 mm | 7.30 mm | *available on request* | | |
| 144 pin | "Tower" - Profile | 9.90 mm | 8.00 mm | *available on request* | | |