



## DDR5 DIMM SOCKETS

TE Connectivity's (TE) DDR5 DIMM sockets are the next generation offering of memory hardware designed for high performance computing and server platforms. With the ability to support up to 6.4 GT/S (gigatransfers per second) in bandwidth, and DDR5 sockets deliver on performance while maintaining the quality and robustness expected by the end user.

### TARGET APPLICATIONS

- Data Center
- Server
- High Performance Computing (HPC)
- Workstation

### PRODUCT DETAILS

- Support up to 6.4 GT/S Bandwidth
- Current rating: 1.0 amp/pin
- Insertion force: 106.8N Max
- Durability: 25 cycles
- Latch Type Available With Long/Middle/Short/Narrow

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### KEY BENEFITS

- Higher data rates: supporting up to 6400mb/s
- Narrow latch types and space saving features allow for better airflow between components
- Better coplanarity and easy to install design prevents difficult soldering rework
- Stronger latch tower and available hooking options allow for increased reliability
- Customization options available at order
- Increased reliability to withstand higher system shock and vibration

### FEATURES

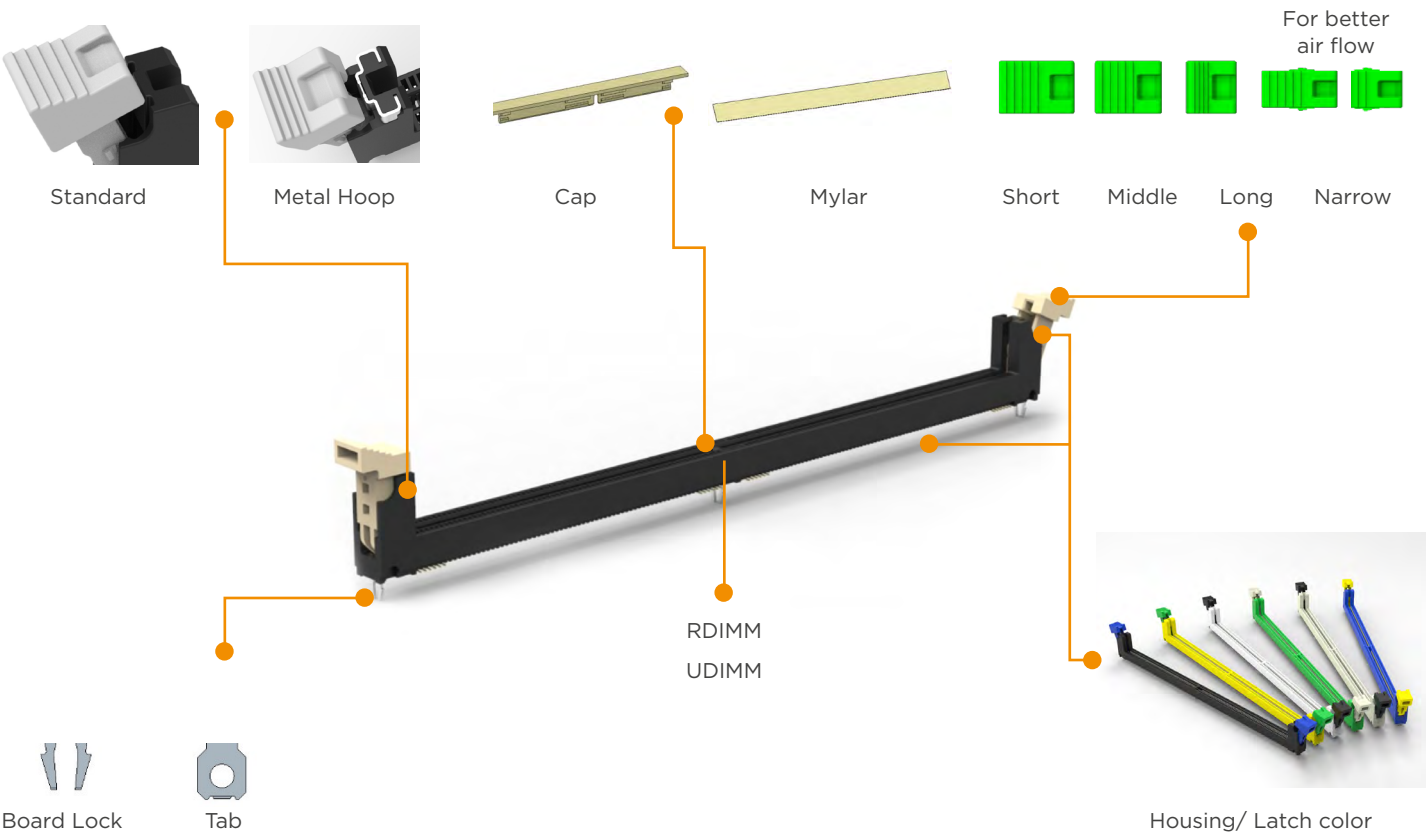
- When partnered with TE Connectivity processor socket solutions and PCIe (Gen 5), DDR5 DIMM sockets support the data rates required by current generation system architectures
- Increased thermal protection minimizes asset downtime and increases overall system reliability
- Robust construction and design features that allow for ease of installation and system upgrades
- Custom features selectable via part number allowing for ease of ordering

# DDR5 DIMM SOCKET

## PRODUCT DETAILS

Reference		
	JEDEC Socket Outlines	SO-023
	JEDEC Module Outlines	MO-329
	Specification	108-115141
	RoHS	Yes
	Halogen Free	Yes
	Flammability	UL 94 V-0
Electrical		
	Current Rating	1.0 Amps/pin max.
	Withstanding Voltage	500V AC
Mechanical		
	Insertion Force	106.8N max.
	Module Unmating Force	19.77 N min.
	Durability	25 cycles min.
Physical/Material		
	Contact Count	288 contact, 0.85mm pitch
	Housing and Latch	High-temperature Nylon
	Contact	Copper Alloy
	Packaging	Tray
	Operating Temperature	-55 to +85°C

## DDR5 DIMM SOCKET OFFERING



## DDR5 DIMM SOCKET

### NAMING RULE

Newly implemented DDR5 DIMM naming schema allows for significantly more customization on order, for excellent customer experience.

#### Long/middle/short latch type

**X-23556XX-X**

Latch type & top cover	Housing & latch color	Gold plating & retention type
Blank: long & mylar	2355626: black & black	1: 30u" & 3 tabs
1: short & mylar	2355627: black & natural	2: 30u" & 3 boardlock
2: middle & mylar	2355628: black & yellow	3: 30u" & 2 side tabs+ boardlock
3: long & cap	2355629: black & blue	4: 15u" & 3 tabs
4: short & cap	2355630: black & green	5: 15u" & 3 boardlock
5: middle & cap	2355631: natural & black	6: 15u" & 2 side tabs+ boardlock
6: long & no mylar & cap	2355632: natural & natural	-
7: short & no mylar & cap	2355633: natural & yellow	-
8: middle & no mylar & cap	2355634: natural & blue	-

#### Narrow latch (4.2mm) type

**X-XXXXXXXX-X**

Housing/Latch color	Base number for narrow latch	Gold plating & retention type
Blank: black/black	2317336 Long latch & Mylar	1: 30u" & 3 tabs
1: black/natural	2379513 Long latch & Cap	2: 30u" & 3 boardlock
2: black/blue	2379514 Long latch & No cover	3: 30u" & 2 side tabs+ boardlock
3: black/green	2416055 Short latch & Mylar	4: 15u" & 3 tabs
4: natural/black	2428508 Short latch & No cover	5: 15u" & 3 boardlock
5: natural/natural	-	6: 15u" & 2 side tabs+ boardlock
6: blue/blue	-	-
7: blue/natural	-	-
8: blue/black	-	-
9: yellow/natural	-	-

UDIMM: X-2379938-X - Please refer to drawing

## DDR5 DIMM SOCKET

### PART NUMBERS

Part Number	Type	Color		Latch type	Top Cover	Gold plating	Retention Type
		HSG	Latch				
2-2355626-1	Standard	Black	Black	Middle	Mylar	30u"	3 TAB
2-2355627-1	Standard	Black	Natural	Middle	Mylar	30u"	3 TAB
6-2355626-1	Standard	Black	Black	Long	NO	30u"	3 TAB
6-2355632-1	Standard	Natural	Natural	Long	NO	30u"	3 TAB
1-2355626-1	Standard	Black	Black	Short	Mylar	30u"	3 TAB
1-2355627-1	Standard	Black	Natural	Short	Mylar	30u"	3 TAB
8-2355632-1	Standard	Natural	Natural	Middle	NO	30u"	3 TAB
8-2355626-1	Standard	Black	Black	Middle	NO	30u"	3 TAB
6-2355626-4	Standard	Black	Black	Long	NO	15u"	3 TAB
6-2355644-4	Standard	Blue	Blue	Long	NO	15u"	3 TAB
2379513-1	Narrow	Black	Black	Narrow	Cap	30u"	3 TAB
1-2379513-1	Narrow	Black	Natural	Narrow	Cap	30u"	3 TAB

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