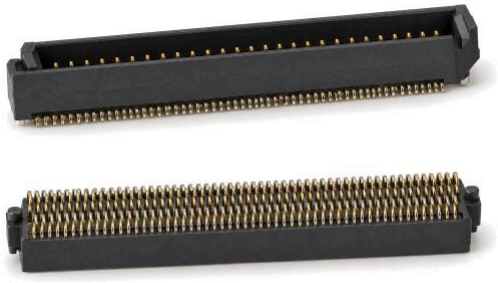
SYSOLC / SYTOLC High-Density Mezzanine Connectors, 1.27 mm

4-row SMT · 1.27 mm pitch · 20–200 contacts · to 10 Gbps



Pitch	1.27 mm (0.635 mm pads)
Contacts	20 to 200 (4 rows)
Board spacing	6.35 / 8 / 10 / 12 mm
Data rate	Up to 10 Gbps
Current	2.5 A
Temperature	–55 to +125 °C

Key features

- Four-row surface-mount receptacle (SYSOLC) and plug (SYTOLC)
- 1.27 mm contact pitch with 0.635 mm staggered PCB pads
- 5 to 50 contacts per row, 20 to 200 in total
- Board-to-board spacings of 6.35, 8, 10 and 12 mm
- Data rates up to 10 Gbps
- Guide pins (-A) or locking clips (-LC)
- Gold plating 1.27 µm (G) or 0.25 µm (L)

Specifications

Electrical

Parameter	Value	Condition
Rated current	2.5 A	
Withstanding voltage	550 V	
Contact resistance	≤ 10 mΩ	
Insulation resistance	≥ 1000 MΩ	
Data rate	Up to 10 Gbps	

Mechanical

Parameter	Value	Condition
Durability	100 mating cycles	
Board spacing	6.35, 8, 10 or 12 mm	By plug style 02, 12, 22, 32

Environmental

Parameter	Value	Condition
Operating temperature	–55 to +125 °C	

Versions

Series code	Version	Notes
SYSOLC	Four-row SMT receptacle	
SYTOLC	Four-row SMT plug	Styles 02, 12, 22, 32 set the stack height

Receptacle sizes

Pins per row	Total contacts	Length A (mm)
5	20	8.9
10	40	15.25
15	60	21.6
20	80	27.95
25	100	34.3
30	120	40.65
35	140	47
40	160	53.35
45	180	59.7
50	200	66.05

How to order

SYSOLC-1[pins per row]-02-[plating]-Q-[guide] / SYTOLC-1-[pins per row]-[style]-[plating]-Q-[guide]

Example: **SYSOLC-150-02-G-Q-A** — Receptacle, 50 contacts per row (200 total), 1.27 µm gold, guide pins

Code segment	Options
Pins per row	**05–50** 5, 10, 15 … 50
Plug style	**02, 12, 22, 32** Stack height (SYTOLC)
Plating	**G** Gold 1.27 µm
Plating	**L** Gold 0.25 µm
Guide	**A** Guide pins
Guide	**LC** Locking clip

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=SYSOLC%20%2F%20SYTOLC