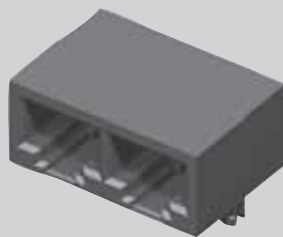
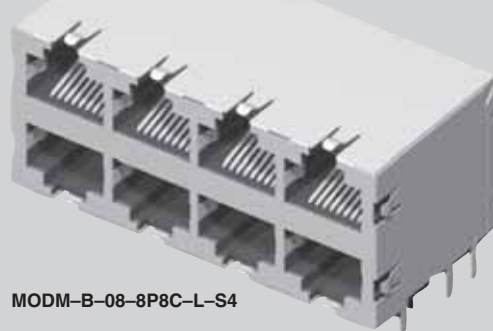




MODM-A-02-8P8C-G



MODM-B-08-8P8C-L-S4



MODM-A, MODM-B SERIES

GANGED IN-LINE/STACKED MODULAR JACKS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MODM-A

Insulator Material:

PBT Glass Filled

Contact Material:

Phosphor Bronze

Shield Material:

Copper Alloy

Plating:

Gold on Contacts, Nickel on Shield, Gold on Tails

Operating Temp Range:

-25°C to +90°C

Current Rating:

2 A per Contact

Voltage Rating:

120 VAC

Contact Resistance:

20 mΩ max

Minimum Cycles:

500

System Applications:

CAT3

Packaging:

Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes (Wave Solder only)



MODM

A

NO. OF PORTS

POSITIONS CONTACTS

PLATING

SHIELD OPTION

-02 thru -06,
-08, -10

-8P8C
= 8 Positions
8 Contacts
per port

-G
= 15μ" (0,38μm)
Gold on Mating Area,
Gold Flash on Tails

-E
= 50μ" (1,27μm)
Gold on Mating Area,
Gold Flash on Tails

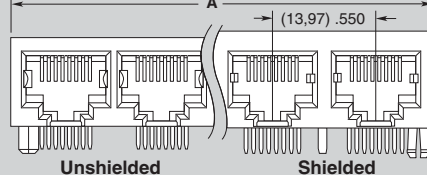
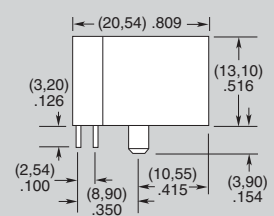
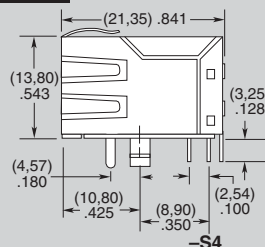
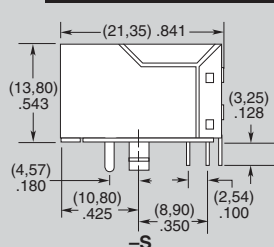
(Leave Blank for
Unshielded)

-S
= Shielded
(No Panel Grounds)
(-03 and -10
Not Available)

-S4
= Shielded with Top,
Bottom and Side
Panel Grounds
(Requires -02, -04
or -08 ports)

APPLICATION SPECIFIC OPTION

Other plating options available.
Call Samtec.



Unshielded

Shielded

NO. OF PORTS	A Unshielded	A Shielded
-02	(30,46) 1.199	(31,00) 1.220
-03	(44,43) 1.749	N/A
-04	(58,40) 2.299	(58,94) 2.320
-05	(72,37) 2.849	(72,91) 2.870
-06	(86,34) 3.399	(86,88) 3.420
-08	(114,28) 4.499	(114,90) 4.524
-10	(128,28) 5.050	N/A

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MODM-B

Insulator Material:

PBT Glass Filled

Contact Material:

Phosphor Bronze

Shield Material:

Copper Alloy

Plating:

Gold on Contacts, Nickel on Shield, Gold on Tails

Operating Temp Range:

-25°C to +90°C

Current Rating:

1.5 A per contact

Voltage Rating:

120 VAC max

Contact Resistance:

20 mΩ max

Minimum Cycles:

500

System Applications:

CAT3

Packaging:

Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes (Wave Solder only)



MODM

B

NO. OF PORTS

POSITIONS CONTACTS

PLATING

OPTIONS

-02, -04, -06,
-08, -12, -16

-8P8C
= 8 Positions
8 Contacts
per port

-L
= 15μ" (0,38 μm)
Gold on Mating Area,
Gold Flash on Tails

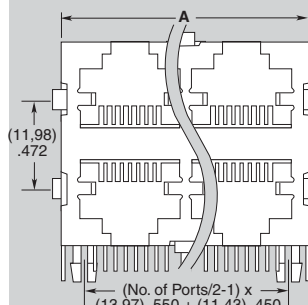
-U
= 50μ" (1,27μm)
Gold on Mating Area,
Gold Flash on Tails

(Leave Blank for
Unshielded)

-S4
= Shielded
with Top,
Bottom and
Side Panel
Grounds
(-02 port does
not have panel
grounds)

APPLICATION SPECIFIC OPTION

Other plating options available.
Call Samtec.



Shielded

NO. OF PORTS	A Unshielded	A Shielded
-02	(16,50) .650	(17,25) 0.679
-04	(30,50) 1.200	(31,25) 1.230
-06	(44,50) 1.752	(45,25) 1.781
-08	(58,50) 2.303	(59,25) 2.333
-12	(86,50) 3.406	(87,25) 3.435
-16	(114,50) 4.508	(115,25) 4.537

Due to technical progress, all designs, specifications and components are subject to change without notice.

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➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com