

YAMAICHI Connectors



CFP MECHANICAL UNIT AND CONNECTORS

Features:

- CFP Multi Source Agreement (MSA) compliant
- For optical modules with 40Gbps and 100Gbps
- 10Gbps/channel
- Riding heat-sink ensures efficient thermal dissipation
- Gasket installed host connector cover and Bracket to ensure EMI shielding performance
- Pin count: 148
- Mating cycles: 200 times

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Yamaichi Part No.	Fig.	Description	Price Each			
				1	5	10	25
945-CA009-1201-001	CA009-1201-001	A	CFP Guide Rail	13.60	12.68	12.08	10.88
945-CA009-1203-001	CA009-1203-001	B	CFP External Bracket	64.13	59.77	56.95	51.30
945-CA009-1204-001	CA009-1204-001	C	CFP Internal Backer Plate	16.48	15.36	14.63	13.18
945-CA009-1400-001	CA009-1400-001	D	CFP Host Connector Cover	75.70	70.56	67.23	60.56
945-CA009-1310-001	CA009-1310-001	E	CFP Heat Sink	200.25	186.64	177.83	160.20

For quantities greater than listed, call for quote.

945-CA009-S001-001	CA009-S001-001	F	CFP Host Connector, Surface Mount	73.23	68.25	65.03	58.58
945-CA009-P001-001	CA009-P001-001	G	CFP Plug Connector, Straddle Mount	70.20	65.43	62.34	56.16

ADVANCEDMC™ CONNECTOR FOR ATCA

Features:

- Connector Type: Extended
- Carrier Board: Conventional
- Contacts: 170
- Module Slots: 1

Specifications:

- Insulation Resistance: 100MΩ min. at 80V DC
- Withstanding Voltage: 80Vrms
- Differential Impedance: 100Ω ±10Ω

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Yamaichi Part No.	Fig.	Description	Price Each			
				1	5	10	25
945-CN074-170-0005	CN074-170-0005	H	Type B+ Right Angle Card Edge AMC Connector (10Gbps)	80.78	75.29	71.73	64.62

ADVANCEDMC™ CONNECTOR FOR μTCA

Specifications:

- Insulation Resistance: 100MΩ min. at 80V DC
- Withstanding Voltage: 80Vrms
- Differential Impedance: 100Ω ±10Ω
- With long screws for 5mm PCB thickness

For quantities greater than listed, call for quote.

945-CN080-170-0011	CN080-170-0011	I	Vertical Mount Card Edge (10Gbps)	20.20	18.83	17.94	16.16
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POWER CONNECTORS FOR MICROTCA

Features:

- Design acc. to PICMG MicroTCA.0
- Press-fit termination

Specifications:

- Insulation Resistance: 100MΩ initial
- Voltage : 80Vrms
- Current Carrying Capacity: 24 pins = 11.625A
72 pins = 9.4A
- Operating Temp. Range: -55°C to +105°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Yamaichi Part No.	Fig.	Description	Price Each			
				1	5	10	25
945-CNU009P-096-1001	CNU009P-096-1001	J	Right Angle Plug	25.30	23.58	22.47	20.24
945-CNU009S-096-1001	CNU009S-096-1001	K	Vertical Mount Receptacle	25.63	23.89	22.76	20.50

SIM CARD READERS

Features:

- Conforms to GSM11.11 standard for the European mobile phone system
- With extra locking mechanism to secure the SIM card inside the connector during shock and vibration
- Smooth extraction function by Push/Push mechanism

Specifications:

- Insulation Resistance: 500MΩ min. at 500V DC
- Withstanding Voltage: 250V ACrms for 1 minute
- Contact Resistance: 100mΩ max. at 10mA/20mV max.
- Current Rating: 0.5A
- Voltage Rating: 5.0Vrms
- Operating Temp. Range: -55°C to +85°C
- Mating Cycles: 5,000 insertions

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Yamaichi Part No.	Fig.	Description	Price Each			
				1	5	10	50
945-FMS006-2310-0	FMS006-2310-0	L	6pin, Top Mount, One Push Lock type	2.79	2.56	2.25	2.09
945-FMS006-2620-0	FMS006-2620-0	M	6pin, Top Mount, Push-Push	1.70	1.56	1.38	1.27
945-FMS006-3900-0	FMS006-3900-0	N	6pin, Top Mount, Tray Type	1.09	1.00	.882	.815
945-FMS006-5100-0	FMS006-5100-0	O	6pin, Top Mount, Manual type, Height 1.4mm	1.34	1.23	1.08	1.00
945-FMS008-6001-0	FMS008-6001-0	P	8pin, Top Mount, Push-Push	2.55	2.34	2.06	1.91

SD CARD CONNECTOR

Features:

- Low Profile: H=2.80mm
- SDIO capable
- EMI prevention design

Specifications:

- Current Rating: 0.5A
- Voltage Rating: 5.0Vrms
- Withstanding Voltage: 500V ACrms for 1 minute
- Operating Temp. Range: -25°C to +85°C
- Mating Cycles: 5,000 insertions

For quantities greater than listed, call for quote.

945-FPS009-2920-0	FPS009-2920-0	Q	Top Mount, Push-Push	4.07	3.73	3.30	3.05
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MICROSD CARD CONNECTORS

Specifications:

- Current Rating: 0.5A
- Voltage Rating: 5.0Vrms
- Withstanding Voltage: 500V ACrms for 1 minute
- Operating Temp. Range: -25°C to +85°C
- Mating Cycles: 10,000 insertions

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Yamaichi Part No.	Fig.	Description	Price Each			
				1	5	10	25
945-PJS008-2003-0	PJS008-2003-0	R	Reverse Mount, Push-Push	2.91	2.80	2.68	2.36
945-PJS008U-3000-0	PJS008U-3000-0	S	Vertical Dip Mount, Manual	.87	.84	.80	.706

