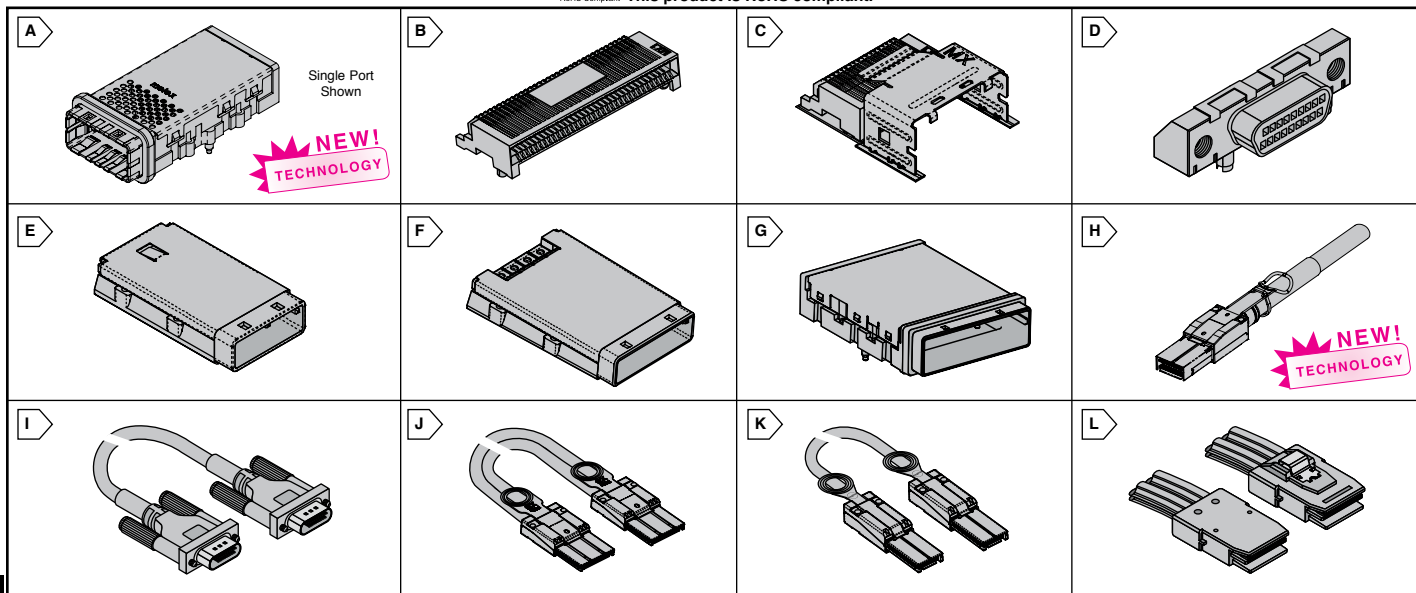


MOLEX iPass™ and iPass+™ Connectors

RoHS Compliant This product is RoHS compliant.

molex
one company a world of innovation



iPass™ CONNECTORS

iPass+ CXP (Series 76105 & 76024): iPass+ CXP enables 12 channels of 10-Gbps data, for up to 120Gbps of total bandwidth. This new technology results in one of the fastest and highest density I/O's in the market.
External iPass Connectors (Series 75586): The SMT design provides placement options on both sides of the PCB, as well as placements stability. Standoffs allow for easy PCB cleaning after soldering.
iPass+ CXP (Series 170465): Enhanced footprint connectors transmit signals over 10 lanes for up to 100 Gbps, meeting the new industry-leading 100 Gigabit Ethernet specification
Internal iPass Connectors (Series 75783): These 0.80mm (.031") pitch connectors include hood kits for internal applications. Acting as a disposable pick-and-place cap, the pre-positioning device aligns the connector to the hood during robotic placement. It offers 3 keying options.



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Pos.	Contact Plating	Pitch	Description	Price Each	
							1	5
iPass™ CXP Pluggable - External Applications								
538-76105-0584	76105-0584	A	84	30µ" Gold	0.8mm (.031")	Single Port, Press-Fit, RA integrated cage and connector assembly, Infini Band	26.88	26.34
538-170465-0002	170465-0002	A	84	30µ" Gold	0.8mm (.031")	Single Port, Press-Fit, RA integrated cage and connector assembly, 100 Gigabit Ethernet	49.40	44.46
538-76024-0568	76024-0568	A	84/84	30µ" Gold	0.8mm (.031")	Dual port stacked, Press-fit, RA integrated cage and connector	86.08	81.76
iPass™ External Applications								
538-75586-0009	75586-0009	B	26	30µ" Gold	0.8mm (.031")	SMT, Right-Angle Receptacle	5.56	5.08
538-75586-0011	75586-0011	B	38	30µ" Gold	0.8mm (.031")	SMT, Right-Angle Receptacle	5.74	5.24
538-75586-0007	75586-0007	B	68	30µ" Gold	0.8mm (.031")	SMT, Right-Angle Receptacle	8.34	7.64
538-75586-0004	75586-0004	B	26	15µ" Gold	0.8mm (.031")	SMT, Right-Angle Receptacle	4.87	4.45
538-75586-0010	75586-0010	B	38	15µ" Gold	0.8mm (.031")	SMT, Right-Angle Receptacle	5.66	5.17
iPass™ Internal Applications								
538-75783-0132	75783-0132	C	36	15µ" Gold	0.8mm (.031")	SMT, R/A Receptacle and Thru-hole Hood Kit for Internal Applications, Universal Key, 1.57mm tail	3.83	3.48
538-75783-0140	75783-0140	C	36	15µ" Gold	0.8mm (.031")	SMT, R/A Receptacle and Thru-hole Hood Kit for Internal Applications, Universal Key, 2.79mm tail	14.15	12.88
538-74960-3018	74960-3018	D	18	15µ" Gold	1.27mm (.050")	1X SMT, Right-Angle Receptacle for Internal Applications	10.48	9.58

iPass™ GUIDE FRAMES

The guide from gasket delivers improved EMI performance and the die cast frame provides a robust cable-to-chassis interface. It also features a screw attachment to the PCB, offering a durable I/O connection for large cable bundles during the cable management process.



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MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each	
				1	5
538-74548-0211	74548-0211	E	Universal 1X Cage, 0 Degree Standard Host Card, Port Keying 4	9.52	9.03
538-74548-0111	74548-0111	E	Universal 1X Cage, 1 Degree PCI Slot Card, Port Keying 4	7.68	7.42
538-74540-0400	74540-0400	F	4X PCIe Cage, 1 Degree PCI Slot Card	11.26	10.96
538-74540-0100	74540-0100	F	8X PCIe Cage, 1 Degree PCI Slot Card	12.92	12.27
538-75581-0002	75581-0002	G	16X Right Angle, Press-Fit, Integrated Cage and Connector Assembly	53.93	52.65

iPass+™ & iPass™ CABLE ASSEMBLIES

iPass+ CXP Copper Cable Assemblies (series 111025): Built to CXP specifications to be compliant up to QDR speeds per InfiniBand Architecture Specification Volume 2.1.2.1
4X External Cable Assemblies (series 74546, 74547, 74576): Its high performance paddle-card design with impedance matching helps reduce crosstalk and provide improved signal integrity. The assembly also features a flexible, low profile, latch-pull mechanism that is easily accessible in high density applications. An EMA gasket seals the plug interface.



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Internal Cable Assemblies (series 79576): The internal cable assemblies can support SAS generation I (3.0 Gbps) and II (6.0 Gbps) bandwidths, as well as SATA generation I (1.5 Gbps) and II (3.0 Gbps) bandwidths. Delivering up to four times the port density of the current 4X offering, the assemblies are overmolded and have an attached direct-wire termination. They provide options for active and passive latch versions, transition cables to legacy SFF-8484 4X SAS interfaces, and breakout cables to individual SATA or SAS drives. The cable assemblies provide 100-ohm differential impedance with tight skew control and low cross talk. They also offer multiple cable lengths as a standard, as well as custom lengths upon request.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Pos.	Contact Plating	Pitch	Standard	Description	Price Each	
								1	5
iPass™ CXP Pluggable - External Applications									
538-111025-1201	111025-1201	H	84	Gold over Nickel	0.8mm (.031")	QDR Infiniband	12X QDR, up to 120Gbps, 1M (3.3ft.)	149.68	147.71
iPass™ External Applications									
538-74576-0001	74576-0001	I	18	15µ" Gold	.64mm (.025")	PCI Express	1X Cable, 28 AWG, 1M (3.3ft.)	34.97	33.33
538-74546-0401	74546-0401	J	38	Gold over Nickel	.8mm (.031")	PCI Express	4X Cable, 28 AWG, 1M (3.3ft.)	100.82	95.28
538-74546-0801	74546-0801	J	68	Gold over Nickel	.8mm (.031")	PCI Express	8X Cable, 28 AWG, 1M (3.3ft.)	190.47	180.76
538-74546-1601	74546-1601	J	136	Gold over Nickel	.8mm (.031")	PCI Express	16X Cable, 28 AWG, 1M (3.3ft.)	270.62	258.28
538-74547-0120	74547-0120	K	26	Gold over Nickel	.8mm (.031")	Mini-SAS	4X Cable, 28 AWG, 1M (3.3ft.) 2, 4 and 6 Keyed	47.82	44.42
538-74547-0301	74547-0301	K	26	Gold over Nickel	.8mm (.031")	Mini-SAS	4X Cable, 28 AWG, 1M (3.3ft.) 2, 4 and 6 Keyed	59.11	51.57
iPass™ Internal Applications									
538-79576-2105	79576-2105	L	36	Gold over Nickel	.8mm (.031")	Mini-SAS	4X Cable, Controller to Backplane w/Sidebands, 30 AWG, 1M	19.20	18.46
538-79576-2104	79576-2104	L	36	Gold over Nickel	.8mm (.031")	Mini-SAS	4X Cable, Controller to Backplane w/Sidebands, 28 AWG, 1M	20.21	20.16
538-79576-2114	79576-2114	L	36	Gold over Nickel	.8mm (.031")	Mini-SAS	4X Cable, Controller to Controller w/Sidebands, 28 AWG, 1M	16.80	16.00