




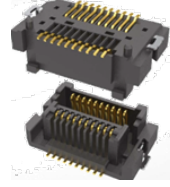


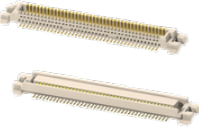







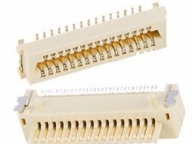


Product Family		BergStak® 0.40mm	BergStak® 0.40mm Self-Alignment	ComboStak®	BergStak® 0.50mm	BergStak® 0.50mm Self-Alignment	MezzoStak®	BergStak® FX10	BergStak HS™ 0.50mm	BergStak 0.635mm
Product Image										
Pitch		0.40mm	0.40mm	0.50mm / 2.0mm	0.50mm	0.50mm	0.50mm	0.50mm	0.50mm	0.635mm
Stack Heights		1.5, 4mm	3.5mm	5mm~20mm (1mm incremental)	3, 4, 4.5, 5, 6mm	3.0mm	4, 5, 5.5, 6, 6.5, 7mm	4.3, 6.0mm	10, 12mm	3mm
Position (pole number)		10 - 100	30	Power: 2~10 (Incremental 1) Signal: 20 ~ 120	10/20/30/40/50/60/80	20/30/40/50/60/80	20/30/40/50/60/70/80/90	144	40/50/60/80/120	80/140
Max Rating	Amp	0.3Amp	0.3Amp	Power: 25Amp Signal: 0.5Amp	0.5Amp	0.5Amp	0.5Amp	0.4Amp	0.5Amp	0.5Amp
	Voltage	<30V	<30V	30V	100V	100V	30V	30V	100V	100V
Operating Temperature		-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-55°C to +125°C	-55°C to +105°C	-40°C to +125°C	-55°C to +85°C
Mating Cycles		30	30	50	50	50	50	100	100	50
Speed Up to		16Gb/s (PCIe Gen4)	8Gb/s (PCIe Gen3)	Signal: up to PCIe® Gen 4 16Gb/s & USB type C 20Gb/s Spec	2.5Gb/s (PCIe Gen1)	2.5Gb/s (PCIe Gen1)	8Gb/s (PCIe Gen3)	15+Gb/s	32Gb/s (PCIe Gen5)	8Gb/s (PCIe Gen3)
Termination Style		Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configurations		Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT
More Info		BergStak 0.40mm	BergStak 0.40mm SA	ComboStak®	BergStak 0.50mm	BergStak 0.50mm SA	MezzoStak	BergStak FX10	BergStak HS	BergStak 0.635mm

Product Family		BergStak® 0.80mm	BergStak® 0.80mm Shielded	BergStak® Lite 0.80mm	BergStak+™ 0.80mm	BergStak HS™ 0.80mm	ComboStak®	PowerStak®	Conan®
Product Image									
Pitch		0.80mm	0.80mm	0.80mm	0.80mm	0.80mm	0.80mm / 2.0mm	2.00mm	1.00mm
Stack Heights		5mm~20mm (1mm incremental)	9mm~20mm (1mm incremental)	5mm~20mm (1mm incremental)	5, 8, 12, 16, 20mm	5mm	5mm~20mm (1mm incremental)	5mm~20mm (1mm incremental)	4.15, 4.5, 5, 6, 7mm
Position (pole number)		40/60/64/80/100/120/140/160 /180/200	40/60/64/80/100/140	40/60/64/80/100/120	80/120	40/60/80/100/120/140	Power: 2~10 (Incremental 1) Signal: 6 ~ 140	2~10 (Incremental 1)	9/11/15/21/25/ 31/41/51/69; 11/31/41/51/69 R/A Header
Max Rating	Amp	0.8Amp	0.8Amp	0.5Amp	0.8Amp	0.8Amp	Power: 20Amp Signal: 0.8Amp	20Amp	1Amp
	Voltage	100V	100V	100V	100V	100V	100V	100V	50V
Operating Temperature		-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-55°C to +125°C	-55°C to +125°C	-55°C to +125°C
Mating Cycles		100	100	50	100	100	200	200	30, for 15u" GXT 200, for 30u" GXT
Speed Up to		12Gb/s (SAS 3.0, PCIe Gen3, Ethernet 10G Base KR)	8G/ps (PCIe Gen3)	12Gb/s (SAS 3.0, PCIe Gen3, Ethernet 10G Base KR)	16Gb/s (PCIe Gen4)	32Gb/s (PCIe Gen5, 25GBase-KR, SAS4.0, USB4.0, HDMI2.1, Displayport 2.0)	Signal: 12Gb/s (SAS 3.0, PCIe Gen3, 10GBase KR)	-	8Gbps (PCIe Gen3)
Termination Style		Surface Mount	Hybrid Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configurations		Vertical SMT Receptacle; Vertical & R/A SMT Header	Vertical Hybrid	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT Receptacle; Vertical & R/A SMT Header
More Info		BergStak 0.80mm	BergStak 0.80mm	BergStak Lite	BergStak+	BergStak 0.80mm HS	ComboStak	PowerStak	Conan

Product Family		Conan® Lite	MicroSpeed	Secure Connector	BTFW Floating	Rib-Cage®	Flexible Printed Circuit Assembly
Product Image							
Pitch		1.00mm	1.00mm	1.00mm	1.00mm	1.27mm	0.40 - 2.00mm
Stack Heights		4.15, 4.5, 5, 6, 7mm	2-row: 12mm; Perpendicular; Coplanar 7-row: 7mm	3-row: Perpendicular, shielded 4-row: Parallel, 12mm, w & w/o shield	10.5mm; Perpendicular	6.42, 8.26, 7.29, 9.94mm; Perpendicular	1.5mm up to 20mm
Position (pole number)		9/11/15/21/25/ 31/41/51/69; 11/21/31/41/51/69 R/A Header	2-row: 26/32/44/56 7-row: 91 (7*13)	3-row: 111 (3*37) 4-row: 148 (4*37)	10/14/18/20/24/26/30	10/20/30/40/50/ 60/70/80/90/100	2 up to 200
Max Rating	Amp	1Amp	1Amp	1Amp	1Amp	1Amp	Up to 1Amp
	Voltage	50V	<30V	<30V	100V	125V	Up to 125V
Operating Temperature		-55°C to +125°C	-55°C to +125°C	-55°C to +105°C	-55°C to +105°C	-55°C to +125°C	-55°C to +125°C
Mating Cycles		30	500	200	20, for tin 100, for gold	200	Up to 200
Speed Up to		8Gbps (PCIe Gen3)	25+Gb/s	32Gb/s (PCIe Gen5)	-	-	16Gb/s
Termination Style		Surface Mount	Surface Mount	Surface Mount	Surface Mount Through Mount	Surface Mount Through Mount	Surface Mount
Configurations		Vertical SMT Receptacle; Vertical & R/A SMT Header	Vertical, RA & Combo SMT	Vertical, RA SMT	Vertical & RA SMT Receptacle; Vertical SMT floating Header	Vertical SMT receptacle; Vertical SMT & R/A TH header	Vertical and Right Angle connectors; custom flex length
More Info		Conan Lite	MicroSpeed	BergStak Secure	BTFW	RibCage	Flexible Printed Assy