

KEEPING CONNECTIONS SIMPLE



Product Portfolio Overview

R&D Sites & Manufacturing Footprint

Besançon, France

Tokyo, Japan

Nantong, China

Cochin, India

Senai, Malaysia

Solution To Fulfill Essential Needs Of Our Customers

BASICS – History

The brand BASICS was established at Amphenol ICC in early 2000s defining a product portfolio of Wire-to-Board and Board-to-Board connectors to be sold through distribution. The main competitive advantage was the quick availability of products and samples through distribution and the competitive offer:

- 48 hours delivery for samples everywhere in Europe
- Immediate delivery of Core Range item
- 2 weeks lead time for Priority Parts item
- Dedicated microsite with all technical document available online
- Special packaging

The Basics+ program was mainly driven in Europe and is well-known through the distribution community as the standard of Service Excellence for connector manufacturers.

BASICS – What it is today

Over the years, BASICS evolved from a commercial program into a global Amphenol ICC business unit that provides a modular interconnection platform of high quality and innovative solutions for all industries.

Our solutions include:

- Signal & Mid Power Wire to Board
- Board to Board
- External Input/ Output
- FFC/FPC
- Backplane
- Customized solution

Whatever you are designing, select BASICS to meet your connection needs.



Modular & Flexible Product Range

With millions of configurable options, we have the product to meet your performance and quality requirements.



In Stock

Our distribution partners are stocking the most popular connectors for your designs, with over 6,000 products ready to ship in 48 hours.



Short Lead Time

From your design to mass production, we have over 700 products to ship in 2 weeks or less.



Customized Solutions

Partner with us for your customized connection needs. With advanced engineering and fast prototyping, we can provide a solution proposal in a week or less.

Wire-to-Board Signal



Product Family		BergStik®	Dubox®	PV®	Quickie®	Quickie® Receptacle	Minitek® 2.00mm Header	Minitek® 2.00mm Receptacle	Minitek® 2.00 mm Blind Mate
Product Image									
Pitch		2.54mm	2.54mm	2.54mm	2.54mm	2.54mm	2.00mm	2.00mm	2.00mm
Position (pole number)		2 to 72Pos.	2 to 72Pos.	3 to 30Pos.	6 to 64Pos.	6 to 64Pos.	2 to 80Pos.	2 to 80Pos.	8 and 12 Pos.
Max Rating	Amp	3A	3A	3A	3A	3A	2A	2A	2A
	Voltage	150V	150V	150V	150V	150V	200V	200V	200V
Operating Temperature		-65°C to +125°C	-65°C to +125°C	-45°C to +125°C	-65°C to +105°C	-65°C to +105°C	-55°C to +125°C	-55°C to +125°C	-40°C to +125°C
Wire Gauge (AWG) <i>For CTW product</i>		-	20 ~ 32	18 ~ 36	-	28 ~ 30	-	22 ~ 30	22 ~ 30
Housing Material		High Temperature Thermoplastic	Glass-filled Thermoplastic Polyester	High Temperature Thermoplastic	Glass-filled Thermoplastic Polyester	Glass-filled Thermoplastic Polyester	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic
Configurations		Vertical, Right Angle THR, SMT Unshrouded Single Row, Double Row, Horizontal	Vertical, Right Angle THR, SMT Single Row, Double Row CTW, Horizontal	Vertical, Right Angle THR Shrouded Single Row, Double Row CTW	Vertical, Right Angle THR, SMT Shrouded, Double Row	Vertical, Double Row	Vertical, Right Angle THR, SMT Shrouded, Unshrouded Single Row, Double Row IDC, CTW	Vertical, R/A THR, SMT Shrouded, Unshrouded Single Row, Double Row IDC, CTW	Vertical, THR, SMT, PIP Double Row IDC, CTW
Product Family		Minitek MicroSpace™ 1.27mm / 1.50mm / 1.80mm	Minitek® 1.5mm	Minitek127®	Minitek® 1.25mm	Minitek® 1.2mm	Minitek® 1.00mm	Minitek® 0.80mm	
Product Image									
Pitch		1.27/1.50/1.80mm	1.50mm	1.27mm	1.25mm	1.20mm	1.00mm	0.80mm	
Position (pole number)		2 to 30Pos.	2 to 15Pos.	Header: 6 to 100Pos. Receptacle: 6 to 26Pos.	2 to 15Pos.	1 to 6Pos.	2 to 20Pos.	2 to 20Pos.	
Max Rating	Amp	4A	2A	1A	1A	0.5A	1A	1A	
	Voltage	48V	100V	125V	125V	50V	50V	30V	
Operating Temperature		-40°C to +130°C	-40°C to +125°C	-40°C to +105°C	-40°C to +125°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	
Wire Gauge (AWG) <i>For CTW product</i>		22 ~ 30	24 ~ 28	30	28 ~ 32	28, 30	28 ~ 32	28 ~ 32	
Housing Material		High Temperature Thermoplastic	High Temperature Thermoplastic	Header: High Temperature Thermoplastic Receptacle: Low Temperature	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	
Configurations		LV 214 Right Angle THR Single Row CTW	Vertical, Right Angle SMT Shrouded Single Row CTW	Vertical, Right Angle SMT Shrouded Double Row IDC	Vertical, Right Angle SMT Shrouded Single Row CTW	Right Angle SMT Single Row CTW	Vertical, Right Angle SMT Single Row CTW	Vertical, Right Angle SMT Single Row CTW	



Car Electronics



IT & Datacom



Industrial



Medical



Telecom



Renewable Energy



Robot Control

Wire-to-Board Power



Product Family		RotaConnect®	Minitek® Pwr 2.5	Minitek® Pwr 3.0	Minitek® Pwr Hybrid 3.0
Product Image					
Pitch		3.00mm	2.50mm	3.00mm	3.00mm For Power pin 2.00mm For Signal pin
Position (pole number)		2 - 4Pos.	4 to 16Pos. For Dual Row 2 to 8Pos. For Single Row	2 to 24Pos.	4 to 24Pos. For Power pin 2 to 12Pos. For Signal pin
Max Rating	Amp	5A	6.5A	12A	5A For Power pin 1A For Signal pin
	Voltage	125V	250V	600V	600V
Operating Temperature		-40°C to +125°C	-40°C to +115°C	-40°C to +105°C	-40°C to +105°C
Wire Gauge (AWG)		22 ~ 30	-	16 ~ 30	20 ~ 30
Housing Material		PBT	-	LCP & Nylon	LCP & Nylon
Configurations		Horizontal Single Row	Vertical, Right Angle Double Row Single Row SMT	Vertical, Right Angle Double Row	Vertical Double Row
Product Family		Minitek® Pwr 4.2	Minitek® Pwr Hybrid 4.2	Minitek® Pwr 5.7	Griplet®
Product Image					
Pitch		4.20mm	4.20mm for Power pin 2.00mm for Signal pin	5.70mm	5.50mm
Position (pole number)		2 to 24Pos.	4 to 24Pos. For Power pin 2 to 12Pos. For Signal pin	2 to 12Pos.	-
Max Rating	Amp	13.5A	9A for Power pin 1A for Signal pin	23A	1.5 to 15A Wire Gauge Dependant
	Voltage	600V	600V	600V	300V
Operating Temperature		-40°C to +105°C	-40°C to +105°C	-40°C to +105°C	-40°C to +105°C
Wire Gauge (AWG)		16 ~ 28	16 ~ 28	12 ~ 16	16 ~ 30
Housing Material		Nylon 66 & LCP	Nylon 66 & LCP	-	-
Configurations		Vertical, Right Angle Double Row	Vertical Double Row	Vertical, Right Angle Double Row SMT	SMT

Board-to-Board



Product Family		BergStik® EconoStik™ Dubox®	Minitek®	Minitek127®	Ribcage®	Conan®	BTFW Floating	BergStak®	BergStak HS™
Product Image									
Pitch		2.54mm	2.00mm	1.27mm	1.27mm	1.00mm	1.00mm	0.80mm	0.80mm
Stack Heights		9.5mm ~ 63mm	3.8mm ~ 20mm	5.8mm ~ 16.2mm	6.42mm ~ 9.94mm	4.15mm ~ 7mm	Perpendicular only	5mm ~ 20mm	5mm ~ 16mm
Position (pole number)		2 to 72	4 to 50	6 to 100	10/20/30/40/50/60/70/80/90/100	9/11/15/21/25/31/41/51/69; 31/41/51/69 for Right Angle plug	10 to 30	40/60/64/80/100/120/140/160/180/200	40/60/80/100/120/140
Max Rating	Amp	3A	2A	1A	1A	1A	1A	0.8A	0.8A
	Voltage	110V	200V	125V	125V	50V	100V	100V	100V
Operating Temperature		BergStik®: -65°C to +105°C EconoStik™: -55°C to +105°C Dubox®: -65°C to +125°C	-55°C to +125°C	-40°C to +105°C	-55°C to +125°C	-55°C to +125°C	-55°C to +85°C	-40°C to +125°C	-40°C to +125°C
Housing Material		High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic
Configurations		Vertical, Right Angle THR, SMT Shrouded, Unshrouded Single Row, Double Row	Vertical, Right Angle, SMT Single Row, Double Row	Vertical, Right Angle, SMT Shrouded, Unshrouded, Double Row	Vertical, SMT Receptacle; Vertical SMT & Right Angle TH header	Vertical, SMT Receptacle; Vertical & Right Angle SMT plug	Vertical SMT, Right Angle	Vertical SMT, Right Angle	Vertical SMT
Product Family		BergStak® Lite	BergStak+™	BergStak®	BergStak HS™	Mezzostak®	BergStak® Floating	BergStak® Self-alignment	
Product Image									
Pitch		0.80mm	0.80mm	0.50mm	0.50mm	0.50mm	0.40mm	0.40mm	
Stack Heights		5mm ~ 20mm	5, 8, 12, 16mm	3, 4, 5, 6mm	12mm	4mm ~ 7mm	5mm	3mm	
Position (pole number)		40/60/64/80/100	80/120	10/20/30/40/50/60	50	20/30/40/50/60/70/80/90	32	30	
Max Rating	Amp	0.5A	0.8A	0.5A	0.5A	0.5A	0.4A	0.3A	
	Voltage	100V	100V	100V	50V	30V	50V	30V	
Operating Temperature		-40°C to +125°C	-40°C to +125°C	-65°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	
Housing Material		High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	High Temperature Thermoplastic	
Configurations		Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	Vertical SMT	
Speed up to		12Gb/s	16Gb/s	5Gb/s	32Gb/s	5Gb/s	3Gb/s	3Gb/s	

Input/Output



Product Family		Modular Jack	Modular Jack Slimline	USB 3.1 Gen 2 Type C	USB 3.1 Gen 1 Type C	USB 3.0	USB 2.0
Product Image							
Speed and Category		CAT 3/5	CAT 5E	10Gb/s	5Gb/s	5Gb/s	480 Mb/s
Pitch		2.54mm	1.00/1.50mm	0.50mm	0.50mm	2.50mm & 2.00mm	Varies depending on Type A or Type B
Position (pole number)		4 to 10Pos.	2 x 8Pos. (Dual Port)	24Pos.	24Pos.	9Pos.	4Pos.
Max Rating	Amp	1.5A	1A	5.0A for VBUS and GND. 1.25A for Vconn	5.0A for VBUS and GND. 1.25A for Vconn	1.8A For Power 0.25A For Signal	1.5A
	Voltage	30V	48V	20V	20V	30V	30V
Operating Temperature		-65°C to +125°C	0°C to 70°C	-55°C to 85°C	-55°C to 85°C	-55°C to +85°C	-55°C to +85°C
Configurations		Vertical, Right Angle THR, SMT Shrouded, Unshrouded Single Row, Double Row IDC, CTW	Right Angle TH	SMT, STRADDLE Vertical, Right Angle, SMT+THR Double Row	SMT, STRADDLE Vertical, Right Angle, Hybrid, off set	Vertical Right Angle Up-Right	Vertical, Right Angle, SMT, THR
Product Family		Micro USB	Mini USB	OCTIS™	VerIO™	Boltrack™	D-Sub
Product Image							
Speed and Category		480Mb/s	480Mb/s	SFP up to 10Gb/s & Copper Cat 3/5	Cat 3/5	Cat 3/5	-
Pitch		0.65mm	0.8mm	26mm Connector Pitch	26mm Connector Pitch	12.5mm Connector pitch	Depending on the version
Position (pole number)		5Pos.	5Pos.	12pin Signal, 4pin Power	12pin Signal, 4pin Power	8pin and 12pin	9 to 78Pos. 2V2 to 36W4
Max Rating	Amp	1.8A For Power 0.5A For Signal	1.0A	Signal 1.5A, Power 20A per contact	Signal 1.5A, Power 20A per contact	1.5A per contact	3 to 40A
	Voltage	30V	30V	Up to 1800VAC	Up to 1800VAC	DWV 1800VAC	300V (Depending on the version)
Operating Temperature		-30°C to +80°C	-55°C to +85°C.	-55°C to +85°C.	-55°C to +85°C	-40°C to +125°C	-55°C to +155°C (Depending on the version)
Configurations		Right Angle SMT	Right Angle Vertical SMT TH	Right Angle with PIP terminals and IDC/ Screw type cable	Right Angle with PIP terminals and IDC/ Screw type cable	Right Angle with PIP terminals and IDC type cable	Vertical, Right Angle THR, SMT Two Row, Three Row IDC, CTW

Backplane



Product Family		Metral® High Speed	Metral®	Millipacs®	DIN 41612	High Pin Count (HPC)
Product Image						
Pitch		2.00mm	2.00mm	2.00mm	2.54mm	2.54mm
Position (pole number)		30 to 96pins	8 to 10pins (Power), 24 pin to 240pins (Signal)	40 to 200 Signal pins	9 to 96pins max	18 to 600pins
Max Rating	Amp	1A/Pin	1.5A to 3A/Pin	1.5A/Pin standard and 40A special for high power	1.5A to 2A/Pin	1.5A to 2A/Pin
	Voltage	1000Vrms	1000Vrms	750Vrms	1000Vrms	1000Vrms
Operating Temperature		-55°C to +105°C	-55°C to +125°C	-55°C to +125°C	-55°C to +125°C	-55°C to +125°C
Data Rate		6.25Gb/s either Board side or Edge side	<622Mb/s	Broad side 25Gb/s, Edge side 12.5Gb/s, Standard versions offer up to 3.125Gb/s	≤622Mb/s	≤622Mb/s
Housing Material		High Temperature Thermoplastic	High Temperature Thermoplastic	Receptacle: High Temperature Thermoplastic	Options: Thermoplastic Polyester or High Temperature Thermoplastic	High Temperature Thermoplastic
Configurations		Press-Fit, Header Vertical & Receptacle RA, 5 & 8 Row, End to End Stackable	Press-Fit, Solder to Board, Pin-in-Paste, Crimp. Header & Receptacle/ Vertical & Right Angle. 4 & 5 Row. End to End Stackable	Vertical/ Right angle Header & Receptacle with Pressfit, PIP & IDC terminals. End to End Stackable	Solder to Board, Wire Wrap, Press fit, IDC Crimp, Solder Eyelet	Solder to Board, Press fit

FFC/FPC



Product Family		HFMK	YLL-D	YLL-U	HS Flex	SFGL	VLP
Product Image							
Pitch		0.21mm	0.30mm	0.30mm	0.30mm	0.40mm	0.50mm
Height		0.50mm	0.90mm/0.95mm	0.95mm	1.10mm	0.90mm	0.70mm
ZIF or Non-ZIF		Non-ZIF	ZIF/Non-ZIF	Non-ZIF	ZIF	ZIF	ZIF
Contact Direction		Top & Bottom	Bottom	Top	Bottom	Bottom	Bottom
Cable Thickness		0.20mm	0.20mm	0.20mm	0.20mm	0.20mm	0.12mm
Position (pole number)		11,20	13,15,17,21,23,25,27,29,33,35,39,41,43,45,51	15,17,21,23,25,27,31,33,35,37,39,41	40	9,18	4,8,10
Max Rating	Amp	0.3A (AC/DC)	0.2A (AC/DC)	0.2A (AC/DC)	0.3A (AC/DC)	0.4A (AC/DC)	0.4A (AC/DC)
	Voltage	50V (AC/DC)	30V (AC/DC)	30V (AC/DC)	30V (AC/DC)	50V (AC/DC)	50V (AC/DC)
Operating Temperature		-25°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)
Configurations		Right Angle, SMT, Non-ZIF, High density, Low profile, Top & Bottom contact	Right Angle, SMT, ZIF, High density, Low profile, Bottom contact, Front side flip	Right Angle, SMT, Non-ZIF, High density, Low profile, Top contact, Front side flip	Right Angle, SMT, ZIF, High density, Low profile, Bottom contact, Back side flip	Right Angle, SMT, ZIF, Low profile, Bottom contact, Back side flip	Right Angle, SMT, ZIF, Low profile, Bottom contact, Back side flip
Product Family		SFVL-D	SFVL-U	VLL	VLH	SFV	OPU-D
Product Image							
Pitch		0.50mm	0.50mm	0.50mm	0.50mm	0.50mm	0.50mm
Height		0.90mm	0.90mm	1.30mm	1.30mm	1.80mm	2.00mm
ZIF or Non-ZIF		ZIF	ZIF	ZIF	ZIF	ZIF	ZIF
Contact Direction		Bottom	Top	Bottom	Bottom	Top & Bottom	Bottom
Cable Thickness		0.20mm	0.20mm	0.30mm	0.30mm	0.30mm	0.30mm
Position (pole number)		4,5,6,7,8,9,12,13	4,5,6,8	8,10,11,12,14,15,16,18,20,22,24,26,28,30	40,45,50	4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35	32,38,40,45,50,55,57,60
Max Rating	Amp	0.4A (AC/DC)	0.4A (AC/DC)	0.5A (AC/DC)	0.4A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)
	Voltage	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)
Operating Temperature		-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +105°C (Including temperature rises according to the current flows.)	-55°C to +105°C (Including temperature rises according to the current flows.)
Configurations		Right Angle, SMT, ZIF, Low profile, Bottom contact, Back side flip	Right Angle, SMT, ZIF, Low profile, Top contact, Back side flip	Right Angle, SMT, ZIF, Low profile, Bottom contact, Back side flip	Right Angle, SMT, ZIF, Low profile, Bottom contact, Back side flip	Right Angle, SMT, ZIF, Top & Bottom contact, Slider type	Right Angle, SMT, ZIF, Bottom contact, Slider type

FFC/FPC



Product Family		OPU-U	VHC	AutoLock	SFV-S	HFW-R
Product Image						
Pitch		0.50mm	0.50mm	0.50mm	0.50mm	1.00mm
Height		2.00mm	2.00mm	2.50mm	4.10mm	1.90mm
ZIF or Non-ZIF		ZIF	ZIF	Non-ZIF	ZIF	Non-ZIF
Contact Direction		Top	Bottom	Bottom	Vertical	Top & Bottom
Cable Thickness		0.30mm	0.30mm	0.30mm	0.30mm	0.30mm
Position (pole number)		32,34,36,40,43,45,50,55,57	50,60,70	50,65	8,12,16,20,21,22,24,25,26,30,32,33	4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,30
Max Rating	Amp	0.5A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)	1A (AC/DC)
	Voltage	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	100V (AC/DC)
Operating Temperature		-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +105°C (Including temperature rises according to the current flows.)	-55°C to +105°C (Including temperature rises according to the current flows.)	-55°C to +105°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)
Configurations		Right Angle, SMT, ZIF, Top contact, Slider type	Right Angle, SMT, ZIF, Bottom contact, Front side flip	Right Angle, SMT, Non-ZIF, Cable Lock, Bottom contact, with Ground pin	Vertical, SMT, ZIF, Slider type	Right Angle, SMT, Non-ZIF, Top & Bottom contact
Product Family		SFW-R	HFW-S	SFW-S	Clincher™	Duflex™
Product Image						
Pitch		1.00mm	1.00mm	1.00mm	2.54mm	2.54mm
Height		2.70mm	5.30mm	5.30mm	2.49mm (HSG thickness) 5.16mm (RA mating height) 18.33mm (St mating height)	Single Row: 3.80mm Double Row: 6.34mm
ZIF or Non-ZIF		ZIF	Non-ZIF	ZIF	Non-ZIF	Non-ZIF
Contact Direction		Top & Bottom	Vertical	Vertical	Top (Crimping)	Top (Crimping)
Cable Thickness		0.30mm	0.30mm	0.30mm	0.33mm max including insulation	0.30mm
Position (pole number)		4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30	4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,32	4,5,6,8,10,11,12,13,14,15,15,16,17,18,20,22,23,24,26,28,29,30	2 to 34	Single Row: 2 to 36 Double Row: 4 to 72
Max Rating	Amp	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)	2A (AC/DC)	3A (AC/DC)
	Voltage	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)	115V (AC/DC)	115V (AC/DC)
Operating Temperature		-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +85°C (Including temperature rises according to the current flows.)	-55°C to +125°C (Including temperature rises according to the current flows.)
Configurations		Right Angle, SMT, ZIF, Top & Bottom contact, Slider type	Vertical, SMT, Non-ZIF	Vertical, SMT, ZIF, Slider type	Flat flex cable to Pin header Insulation Piercing conn, Vertical, Right Angle, Through hole	Flat flex cable to Pin header Insulation Piercing conn, Vertical, Right Angle

Cable Assembly



Crimp-to-Wire

Products	Pitch (mm)	Configuration	Wire Range (AWG)
 Minitex® Pwr 5.7	5.70	Dual Row, 2 to 24 Positions	16 to 12
 Minitex® Pwr 4.2	4.20	Dual Row, 2 to 24 Positions	28 to 16
 Minitex® Pwr 3.0	3.00	Dual Row, 2 to 24 Positions	30 to 20
 Dubox® 2.54mm	2.54	Dual Row, 2 to 36 Positions	30 to 20
 PV® 2.54mm	2.54	Dual Row, 2 to 36 Positions	32 to 18
 Minitex® Pwr 2.5	2.50	Dual Row, 2 to 24 Positions	26 to 20
 Minitex® 2.00mm	2.00	Dual Row, 2 to 50 Positions	30 to 26
 Minitex® 1.50mm	1.50	Single Row, 2 to 15 Positions	28 to 24
 Minitex MicroSpace™	1.27/ 1.50/ 1.80	Single Row, Dual Row, 2 to 30 Positions	22 to 30
 Crimp-to-Wire 1.25mm	1.25	Dual Row, 2 to 15 Positions	32 to 28
 Crimp-to-Wire 1.20mm	1.20	Dual Row, 3, 4 to 6 Positions	32 to 28
 Minitex® 1.00mm	1.00	Single Row, 2 to 20 Positions	32 to 28
 Minitex® 0.80mm	0.80	Single Row, 2 to 20 Positions	32 to 28

Insulation Displacement Contact

Products	Pitch (mm)	Configuration	Wire Range (AWG)
 Quickie® 2.54mm	2.54	Dual Row, 2 to 64 Positions, with strain relief option	28 to 26
 Minitex® 2.00mm	2.00	Dual Row, 6 to 50 Positions, with strain relief option	30 to 26
 Minitex® 1.27mm	1.27	Dual Row, 6 to 26 Positions	30

Input/Output

Products	Configuration	Speed
 D-Subminiature	Standard, High density, Power, Mixed Power, Hybrid and Customized	-
 Latch-N-Lok™/USB+ Power (Standard USB+ power to Latch-N-Lok connector)	Latch-N-Lok™: 1x8, 2x4 and 2x6 options USB+ Power: 12V and 24V options 20 and 28AWG wires in shielded raw cable	-
 USB 2.0 / USB 3.0 / Micro USB 3.0	Standard, Mini and Micro	up to 5Gb/s
 USB 3.1 Type C Gen 1 & Gen 2	Type C	up to 10Gb/s
 OCTIS™ Outdoor IO System	Octis cable assy of different interfaces- RJ45, Power, SFP, Signal, Hybrid	-
 VerIO™ Connector	Verio cable assy of different interfaces- RJ45, Power, Signal, Hybrid	-

2mm Backplane

Products	Configuration	Speed
 Metral®	24pin, 48pin, 30pin & 60pin standard Metral cable assy and 16 pair, 24 pair, 48 pair & 72 pair Metral HDXS cable assy	0.622 Gb/s
 Millipacs®	10pin, 20pin, 30pin & 40pin Millipacs cable assy	1-3 Gb/s

Useful Resources



Catalog

See the range of products under the Basics+ program. Look out for these logos:



Proposition Page

www.amphenol-icc.com/basics provides all you need to know about BASICS. With access to PDF catalog, product documents, technical support, sample order, stock check and product configurator, you can easily find a product that suits your needs.



Product Documents

Product datasheets, product drawings, specifications, application notes, packaging drawings and other documents are available on www.amphenol-icc.com.



Technical Support

Get answers to your technical questions instantly. Connect to our technical support team via the live chat window on our website.



Samples

Order your samples by choosing part number(s) from the product page or look for specific parts using the search box. Add to shopping cart and check out.



Stock Check & Lead Time

Access stocking information such as packaging quantity, minimum order quantity, lead time and stock details. All commercial information will be at your fingertips upon successful account registration.



Product Configurator

Configure your connector designs online or send your special designs and requirements to our 24hrs/5days technical support team.



FCI Basics Products provides a modular interconnection platform of high quality and innovative solutions with a fast and competitive service model that helps to increase the competitiveness of our customer's equipment.

Our solutions include Signal & Mid Power Wire-to-Board, Board-to-Board, Input/Output, FFC/FPC and Backplane.

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