

 **ELECTRONICS**

Connectors for Demanding Applications (Renewable Energy, Machine to Machine [M2M] and Industrial Control)

ELECTRONICS EVERYWHERE

In today's environment, where electronics are everywhere, electronic equipment must operate under severe environmental, mechanical and electrical conditions, as well as tough regulatory conditions and high consumer expectations. This poses extreme challenges to the design and manufacture of that equipment.

Additionally, the equipment must withstand frequent use over many years both by experts and less experienced users. All of this has an impact on the design of components such as connectors. At FCI we truly understand this.

THE FCI ADVANTAGE

At FCI we are concerned with helping you grow your business profitably. Our connectors for demanding applications are designed to offer an advantage that will make a difference to you.

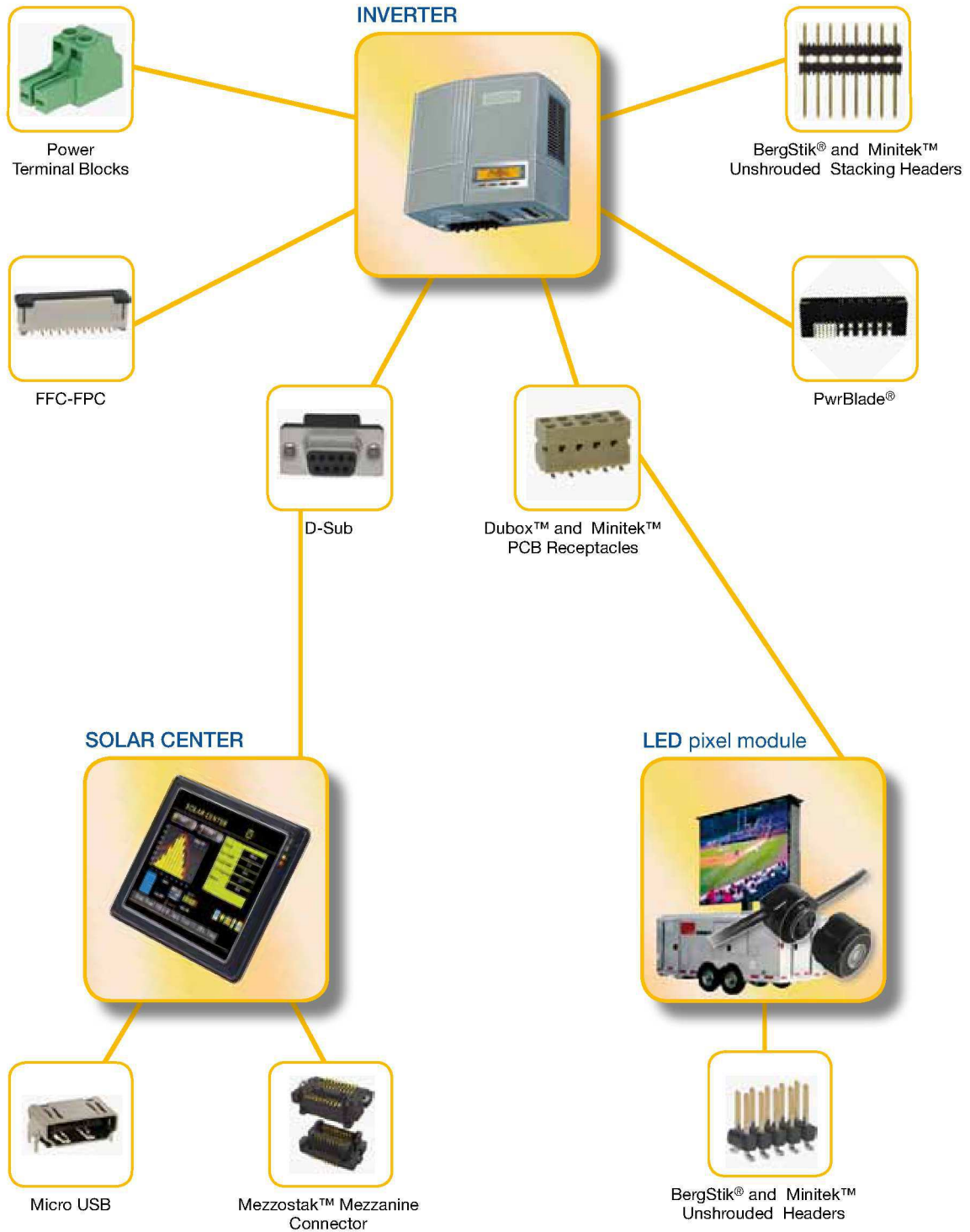
Modular systems suited for many applications offer an opportunity to reduce component engineering costs. Hermaphroditic "mates to itself" connector systems reduce supply chain & inventory costs. Surface mount and reflow process compatible PCB connectors help reduce manufacturing costs. Reliable contact systems providing as many as 100,000 mating cycles extend the use of product by years, thus eliminating the cost of redesigns or upgrades and providing a future-proof platform.

EXPLORE FCI'S CAPABILITIES

FCI provides industry standard connectors while adding specific features relevant to the demanding applications described above. Are you looking for proven, standard connector systems with high durability cycles, extended temperature ranges, reliable contact systems and tight co-planarity specifications? Or do you need the products to be specifically tailored to your unique application? In either case, FCI may well have the perfect interconnect solution for you.

The products and applications shown in this brochure provide a summarized overview of capabilities. For a full overview of our product offering, please visit the website at www.fciconnect.com

RENEWABLE ENERGY



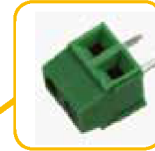
MACHINE TO MACHINE (M2M)

SMART METERING

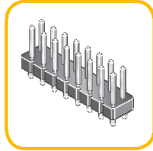
SMART METER



METERING MODULE



Terminal Blocks



BergStik® press-fit Unshrouded Headers



D-Sub



FFC-FPC

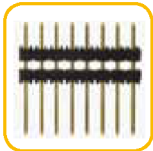


SIM

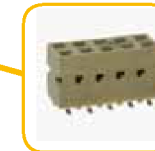


Modular Jack

SMART METER



BergStik® and Minitek™ Unshrouded Stacking Headers



Dubox™ and Minitek™ PCB Receptacles

MACHINE TO MACHINE (M2M)

HOME SECURITY

CCTV



BergStik® and Minitek™ Unshrouded Headers



BergStik® and Minitek™ Shrouded Headers

FINGER PRINT ACCESS MODULE



BergStik® and Minitek™ Crimp to Wire



PLCC Socket



Minitek 1.27mm PCB Receptacles



BergStak® and Conan® Mezzanine Connectors

SECURITY CONTROL MODULE



FFC-FPC



Terminal Blocks



Mezzostak™ Mezzanine Connector



MMC/SD Card Reader



Modular Jack

MACHINE TO MACHINE (M2M)

AUTOMOTIVE ELECTRONICS

TELEMATICS MODULE



FLEET TRACKING MODULE



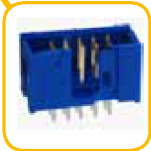
FFC-FPC



MMC/SD Card Reader



BergStik® and Minitek™ Unshrouded Headers



Custom BergStik® and Minitek™ Headers



Mezzostak™ Mezzanine Connector

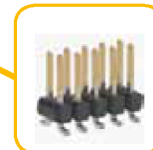


Mini USB

FLEET TRACKING



Dubox™ and Minitek™ PCB Receptacles

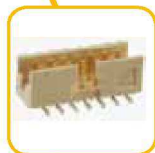
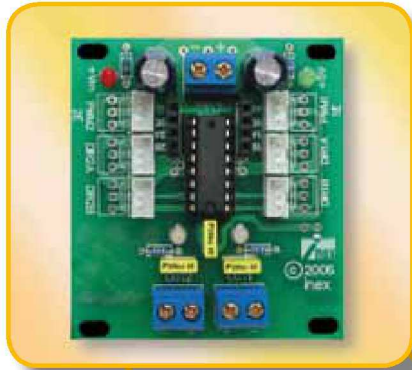


BergStik® and Minitek™ Unshrouded Headers

INDUSTRIAL CONTROL

ELECTRONICS

CONTROL BOARD



BergStik® and Minitek™ Shrouded Headers



Terminal Blocks



Mezzostak™ Mezzanine Connector



MMC/SD Card Reader



FFC-FPC

RUGGED HANDHELD



Mini USB



Compact Flash



PCMCIA

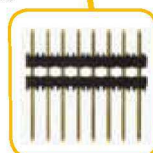
MOTOR



BergStik® and Minitek™ Crimp to Wire



Mixed D-Sub



BergStik® and Minitek™ Unshrouded Stacking Headers



Dubox™ and Minitek™ PCB Receptacles

PROGRAMMABLE CONTROLLER



D-Sub



Modular Jack



BergStik® and Minitek™ Unshrouded Headers



Terminal Blocks

BOARD-TO-BOARD

2.54mm BergStik™ Unshrouded Headers		BASE PART NUMBERS	
Straight	Single Row	77311	95293*
	Double Row	77313	95278*
Right-Angle	Single Row	77315	
	Double Row	77317	
Stacking	Single Row	54121	
	Double Row	54122	54242*
2.54mm Dubox™ PCB Receptacles			
Vertical	Single Row	76341	91601*
	Double Row	76342	89898*
Horizontal	Single Row	89882	71607*
	Double Row	89883	71609*
1.25mm CTW System			
Straight Headers	Single Row	10114829	10114828*
Right-Angle Headers	Single Row	10114831	10114830*
Housings	Single Row	10114826	
Terminals		10114827	
2.54mm BergCon® CTW System			
Straight Headers	Single Row	69167	
	Double Row	69168	
Right-Angle Headers	Single Row	78208	
	Double Row	78207	
Housings	Single Row	78211	
	Double Row	65846	
Terminals		47439	
2.54mm Quickie® IDC System			
Low Profile Headers	Straight	75867	
	Right-Angle	75869	
Eject Latch Headers	Straight	71918	
	Right-Angle	71922	
IDC Receptacles		71600	69830
2.00mm Minitek™ Unshrouded Headers			
Vertical	Double Row	57102	57202*
	Right-Angle	Double Row	98423
Stacking	Double Row	591X2	59202*
2.00mm Minitek™ Shrouded Headers			
Straight	Double Row	98414	98424*
Right-Angle	Single Row	91269	95000*
	Double Row	98464	
2.00mm Minitek™ PCB Receptacles			
Straight	Double Row	63453	55510*
			55508*
			91596*

2.00mm Minitek™ CTW System		BASE PART NUMBERS	
Straight Headers	Double Row	98414	98424*
Right-Angle Headers	Single Row	91269	95000*
	Double Row	98464	
Housings	Single Row	69305	90312
	Double Row	69307	90311
Active Latch Housings		10073599	
Terminals		77138	10044403
2.00mm Minitek™ IDC Receptacles			
		89947	89361
1.27mm Minitek™ Unshrouded Headers			
Straight	Double Row	20021111	20021121*
Right-Angle	Double Row	20021112	20021122*
Straight Stacking	Double Row		200218*
1.27mm Minitek™ Shrouded Headers			
Straight	Double Row	20021211	20021221*
Straight for IDC	Double Row	20021521	
Straight Eject for IDC	Double Row	20021611	20021621*
Right-Angle	Double Row	20021212	
Right-Angle for IDC	Double Row	20021512	
Right-Angle Eject for IDC	Double Row	20021612	
1.27mm Minitek™ PCB Receptacles			
Vertical	Double Row	20021311	20021321*
			20021323*
1.27mm Minitek™ IDC Receptacles			
	Double Row	20021444	
1.27mm Ribcage™ Mezzanine			
Straight Header	Double Row		87849*
	Double Row		93221*
	Double Row		73546*
Right-Angle Header	Double Row	87402	
Straight Receptacles	Double Row		87021*
			87022*
1.00mm Conan® Mezzanine			
Receptacles	Double Row		91901*
	Double Row		91911*
Headers	Double Row		91921*
	Double Row		91931*
0.80mm BergStak® Mezzanine			
Receptacles	Double Row		61802*
Plug	Double Row		61803*
0.50mm Mezzostak Mezzanine			
Header and Receptacle	Double Row		10106813*
	Double Row		10106814*

FFC-FPC

0.50mm FFC-FPC Connectors		BASE PART NUMBER	
Right-Angle	ZIF		SFVxxR*
Straight	ZIF		SFVxxR*
1.00mm FFC-FPC Connectors			
Right-Angle	ZIF	SLWxxR	SFWxxR*
Straight	ZIF	SLWxxS	SFWxxS*
Right-Angle	LIF	HLWxxR	HFVxxR*
Straight	LIF	HLWxxS	HFVxxS*

* = surface mount product
xx = number of positions

INPUT / OUTPUT

USB Receptacles		BASE PART NUMBERS	
Right-Angle	Micro Type B		10103592*
Right-Angle	Micro Type B		10103593*
Right-Angle	Micro Type B		10103594*
Right-Angle	Mini Type B		10033526*
Right-Angle	Mini Type AB		10033527*
Right-Angle	Standard Type A	87520	87583*
Right-Angle	Standard Type B	61729	
USB+Power	Standard	55917	57489
USB Plugs			
Right-Angle	Micro Type B		10104109*
USB+Power	Standard	74233	57496
D-Sub Receptacles			
Straight	Srew Lock UNC	DxxS24A4GL00	DxxS24A6RX*
	Insert M3	DxxS24A4GV00	DxxS24A6RL*
Right Angle	Srew Lock UNC	DxxS13E4GX00	DxxS13A6RX*
	Insert M3	DxxS13E4GL00	DxxS13A6RL*
D-Sub Header			
Straight	Srew Lock UNC	DxxS24A4GL00	DxxP24A6RX*
	Insert M3	DxxS24A4GV00	DxxP24A6RL*
Right Angle	Srew Lock UNC	DxxP13E4GX00	DxxP13A6RX*
	Insert M3	DxxP13E4GL00	DxxP13A6RL*
Modular Jack			
Right-Angle	4 pos Cat 3	87180	73306*
	6 pos Cat 3	87180	73305*
	8 pos Cat 3	54601	73304*
	8 pos Cat 5	95679	95678*
Straight	4 pos Cat 3	69253	98431*
	6 pos Cat 3	69254	98432*
	8 pos Cat 3	69255	98435*
Terminal Blocks			
3.50mm & 3.81mm	Plug	20020008	20020004
	Straight Socket	20020107	
	Right-Angle Socket	20020110	
5.00mm & 5.08mm	Plug	20020008	20020006
	Straight Socket	20020107	
	Right-Angle Socket	20020110	
7.62mm	Plug	20020516	
	Straight Socket	20020620	
	Right-Angle Socket	20020618	
3.50mm & 3.81mm	Fixed Horizontal	20020327	
5.00mm & 5.08mm	Fixed Horizontal	20020316	
7.62mm	Fixed Horizontal	20020705	
PWRblade			
Right-Angle	Header	51723	
Right-Angle	Receptacle	51743	

MEMORY & MEDIA CARD SYSTEMS

Flash Memory		BASE PART NUMBERS	
SD Card Header	Push-Push	10067847*	
		10073970*	
Compact Flash	Header	10017963*	
		10038393*	
	Ejector (right)	10053869	
	Ejector (left)	10053870	
Smart Card			
200K cycles		7361E05	7312E02
100k cycles			7434L04
<100k cycles		10057542	10105377
			7334L26
PCMCIA Card Headers			
CardBus 3.3V	Single	72206	71299*
	Double	71757	71240*
PCMCIA 3.3V	Single	61126	84648
	Double	84654	61124*
PCMCIA 5.0V	Single	95620	92789
	Double	94050	95562*
Sockets			
PLCC		54020	69802*

for more product information
please visit our dedicated micro sites:

www.fciconnect.com/io

www.fciconnect.com/mezzselect

www.fciconnect.com/power

www.fciconnect.com/basics

www.fciconnect.com/flex

www.fciconnect.com/terminalblocks

www.fciconnect.com/minitek127

* = surface mount product
xx = number of positions

FCI: SETTING THE STANDARD FOR CONNECTORS

With 14,000 employees in 30 countries and sales of 1,28 Billion euros in 2010, FCI is a leading manufacturer of connectors for various markets such as automotive, telecommunication infrastructures and consumer and industrial electronics.

**For more information about e-catalog or FCI
sales offices, headquarters, agents and local distributors,
visit www.fciconnect.com**



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