



JST
The Quality Connection

Product Overview

JST Deutschland GmbH
www.JST.de

In August of 1984, JST Deutschland GmbH was founded as a wholly owned subsidiary of J.S.T.- Mfg. Co. Ltd. Osaka/Japan, established in 1957.

At the beginning only loose piece terminals were being manufactured and distributed. Today JST manufactures and sells all over the world connectors into the Consumer Electronics, Telecommunication, Medical and Camera Industry and for Computers.

Since 1993 J.S.T. is developing connectors especially for the automotive market and their system supplier.

With a special intern organization (the J.S.T.-Automotive Group) J.S.T. will support the automotive market much better in case of design and service.

Beside the known quality standards, the J.S.T.-Automotive Group is a competent and strong partner for design and development of special customer solutions and future oriented technologies.

Get in touch with us. We would like to support your project and convince you of our service.

We look forward to your inquiry.

Your JST Germany team

Your benefits:

- more than 50 years' experience in connector manufacturing
- local warehousing
- distribution sales network
- WebEDI and consignment stock
- separate samples logistic – samples within 1 working day
- competitive pricing due to production in low labour countries
- German Project- / Product-Management
- dedicated inside and outside sales team
- highly skilled personnel in harness assembly
- tooling service
- technical support



Tooling Service

JST tooling for high quality harnesses:
You are looking for a handtool to crimp
a JST crimp terminal?

Or you need to manufacture an IDC harness?
We are able to offer you hand tools for both.

Or do you need to manufacture high quantities?
JST offers you tooling for crimp and IDC production.

We look forward to your inquiry.

Harness Production

JST Deutschland offers you cost-effective
production of your harnesses.

Of course we can also offer small lot sizes
made by hand as well as high quantities
made fully-automatically.

Test us and contact us for a free quote.

In any case JST is a reliable partner for you.

UL registered harness maker
Category ZPFW2 (US) and ZPFW8 (Canada)
File No. E466125

Wire-to-Board Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	active locking feature	wire AWG / mm ²	circuit no.	c=crimp i=IDC	SMT s=side t=top b=bottom	THT s=side t=top b=bottom	d=disconnectable b=board-in	row	Automotive	waterproof
0.5	FWG	0.3	50	x	30	31 / 41 / 51	c	s		d	1		
0.6	XSR	0.2	30		36	2-22	i	s		d	1		
0.8	SUH	1.0	30		32-28	2-20	c	s / t		d	1		
0.8	SUR	0.5	30		32 & 36	2-22	i	s / t		d	1		
1.0	APSH	1.0	50	x	32-28	3	c	t		d	1		
1.0	ASR	0.7	50		30	2, 3 & 4	i	t (receptacle side feed)		d	1		
1.0	CS family	2.0	50	x	30-26	3-31	c / i		t	d	1		
1.0	NSH	1.0	50	x	32-28	2-15	c	s / t		d	1		
1.0	NSHD	1.0	50	x	32-28	16-32	c	s / t		d	2		
1.0	SH	1.0	50		32-28	2-20	c	s / t		d	1		
1.0	SHD	1.0	50		32-28	20, 30, 40 & 50	c	s / t		d	2		
1.0	SHJ	1.0	125	x	32-28	2 & 6	c	s / t		d	1		
1.0	SHL	1.0	50		32-28	2-30	c	s		d	1		
1.0	SHLD	1.0	50	x	32-28	20, 30, 40 & 50	c	s / t		d	2		
1.0	SHLV	1.0	30	x	32-28	21 & 31	c	s / t		d	2		
1.0	SR	0.7	50		30	2-14	i	s / t	s / t	d	1		
1.0	SSR	0.5	50		32	2-14	c	s		d	1		
1.1	SFG	1.0	200	x	30-28	5	c	s		d	1		
1.2	ACH	2.0	50		32-28	1-5	c	t (receptacle side feed)		d	1		
1.2	ACHF	2.5	50		30-28	3, 4 & 6	c	t (receptacle side feed)		d	1		
1.2	ACHL	2.0	50		30-28	2	c	t (receptacle side feed)		d	1		

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Wire-to-Board Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	active locking feature	wire AWG / mm ²	circuit no.	c=crimp i=IDC	SMT s=side t=top b=bottom	THT s=side t=top b=bottom	d=disconnectable b=board-in	row	Automotive	waterproof
1.25	AGH	1.0	50		30-26	3	c	t (receptacle side feed)		d	1		
1.25	GEZ	1.5	50	x	30-26	2-15	c	s / t		d	1		
1.25	GH	1.0	50	x	30-26	2-15	c	s / t		d	1		
1.25	GHD	1.25	50	x	32-26	10-40	c	s / t		d	2		
1.25	GX	2.0	50		26 & 28	2-25	i	t		d	1		
1.3	ADH	3.0	30		28-26	3 & 5	c	t (receptacle side feed)		d	1		
1.5	CZ family / CZF	2.0	100	x	28 & 26	2-40	c / i	s / t	s / t	d	1 & 2		
1.5	SZN	0.7	50		30-26	2-13	c			b	1		
1.5	ZA	0.7	50		30 & 28	2-13	i			b	1		
1.5	ZE	2.0	100	x	30-24	2-16	c	s / t	s / t	d	1		
1.5	ZH	1.0	50		32-26	2-13	c	s / t	s / t	d	1		
1.5	ZND	2.0	100	x	28-24	4-40	c	t		d	2		
1.5	ZPD	2.0	100	x	28-24	10-40	c	s / t		d	2		
1.5	ZR	0.7	50		30 & 28	2-13	i	s / t	s / t	d	1		
1.8	CULH	3.0	150	x	22	4	c	s		d	1	x	
1.8	LEA	3.0	300	x	30-22	2	c	s		d	1		
1.8	SFH	4.0	350	x	30-22	2	c	s		d	1		
1.8	SFK	4.0	350	x	30-22	2	c	s		d	1		
2.0	CK	2.0	100		28 & 26	2-15	i		s / t	d	1		
2.0	CMEC	2.0	100	x	0.3 / 0.35 mm ²	12 & 16	c	s		d	1	x	
2.0	CPI	3.0	50	x	AESSX-f / AVSS 0.3 (#22)	58 & 69	c		s	d	2	x	
2.0	CPM	3.0		x	0.3 (#22)	8,12,16&20	c	s / t		d	2	x	

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Wire-to-Board Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	active locking feature	wire AWG / mm ²	circuit no.	c=crimp i=IDC	SMT s=side t=top b=bottom	THT s=side t=top b=bottom	d=disconnectable b=board-in	row	Automotive	waterproof
2.0	CPT	3.0	50	x	AESSX-f / AVSS 0.3	2-24	c	s / t		d	1 & 2	x	
2.0	CR	1.0	100		26	2-12	i	s / t	s / t	d	1		
2.0	DA	1.0	100		28 & 26	2-15	i			b	1		
2.0	DD/DS	0.7	100		28	2-15	i			b	1		
2.0	DR	1.0	100		28 & 26	2-10	i		s / t	d	1		
2.0	JWPF	3.0	100	x	26-22	2-8	c		t	d	1 & 2		x
2.0	KR family	1.0	100		28-24	2-32	c / i	s / t	s / t	d	1 & 2		
2.0	KRD	1.0	100		28 & 26	2-16	i	s / t	s / t	d	1		
2.0	MEC	2.0	50	x	AESSX 0.3 UL3265 0.3	5-24	c	s	s	d	1 & 2	x	
2.0	PA family	3.0	250	x	28 - 22	2-16	c / i	s / t	s / t	d	1		
2.0	PA modified	3.0	100	x	FLR 0.22 & 0.35	2-15	c	s / t		d	1	x	
2.0	PAD	3.0	250	x	28-22	10-40	c		s / t	d	2		
2.0	PAMU	3.0	50	x	0.3-0.35 / 0.13 #22/26	2, 3, 4, 5, 6 & 8	c	s / t		d	1	x	
2.0	PBD	3.0	100	x	28-22	16, 20 & 30	c	s		d	2		
2.0	PBV	3.0	100	x	28-22	3-15	c	s / t		d	1		
2.0	PH	2.0	100		32-24	2-16	c	s / t	s / t	d	1		
2.0	PHD	3.0	250		28-22	8-34	c		s / t	d	2		
2.0	PID	3.0	250	x	26-22	20-40	c		t	d	2		
2.0	PJD	3.0		x	26-22	8-40 (50)	c		t	d	2		
2.0	PLI	3.0	100	x	28-22	2-10	c		t	d	1		
2.0	PND	3.0	250	x	28-22	8-42	c		t	d	2		
2.0	PNI	3.0	100	x	28-22	2-10	c		t	d	1		

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Wire-to-Board Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	active locking feature	wire AWG / mm ²	circuit no.	c=crimp i=IDC	SMT s=side t=top b=bottom	THT s=side t=top b=bottom	d=disconnectable b=board-in	row	Automotive	waterproof
2.0	PUD	3.0	250	x	28-22	8-40	c	t	s / t	d	2		
2.0	SAN	2.0	250		30-24	2-15	c			b	1		
2.0	SFV	1.0	300	x	30-28	2	c	t		d	1		
2.0	SGN	2.0	250		28-24	8, 13 & 14	c			b	1		
2.0	SJN	3.0	250		28-22	2-11	c			b	1		
2.0	ULH	5A	100	x	0.35	2, 4, 6, 8 & 10	c	s		d	1	x	
2.0	WMCB	3A	14	x	0.22-0.35	4 & 8	c	s		d	2	x	x
2.2	HIT	25.0	14	x	0.3-5.0	151	c		s	d	4	x	
2.2	JFA J1000	6.4	250	x	28-18	3-30	c		s / t	d	1 & 2		
2.2	BMSC	5.0	150	x	0.3 / 0.5	16-40	c		s (THR)	d	2	x	
2.2	SHC	7.0	50	x	0.3-0.5	10-32	c		s	d	2	x	
2.3	BHL	1.0	1.400		28-24	2	c	s		d	1		
2.5	CIT	5.0	50	x	0.13-0.5	36 & 60	c		s	d	3	x	
2.5	DB	2.0	250		28, 26, 24	2-13	i			b	1		
2.5	EH	3.0	250		32-22	2-15	c		s / t	d	1		
2.5	HR	3.0	250		26-22	2-13	c		s / t	d	1		
2.5	JFA J2000	4.6	250	x	28-20	3-40	c		s / t	d	1 & 2		
2.5	LEX	3.0	300	x	30-22	2 & 4	c	b		d	1		
2.5	MIO	5.0	12	x	0.2-0.5	16	c		t	d	2	x	
2.5	NH	3.0	250	x	30-22	2-25	c		s / t / b	d	1		
2.5	NR	2.0	250		28, 26, 24	2-14	i	s	s / t	d	1		
2.5	NRD	2.0	250		28, 26, 24	2-16	i	s	s / t	d	1		
2.5	PXA	3.0	250	x	26-22	2, 3, 6	c		t	d	1		
2.5	SCN	3.0	250		28-22	2-16	c			b	1		
2.5	XA	3.0	250	x	28-20	2-20	c	t	s / t	d	1		
2.5	XAD	3.0	250	x	28-20	8-40	c		s / t	d	2		
2.5	XAF	3.0	150	x	22	2-20	i	t	s / t	d	1		

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2.5	XH	3.0	250		30-22	1-20	c	s	s / t	d	1		
2.5	XM high box	3.0	250	x	28-20	2-10	c		t	d	1		
2.5	XNI	3.0	250	x	30-22	2-15	c		t	d	1		
2.54	ACA	3.0	14	x	0.3-0.5	32	c	s		d	2	x	
2.54	AIT	5.0	14	x	0.3-0.8	8-52	c		s / t	d	2	x	
2.54	AIT-II	5.0	14	x	0.3-0.85	2-22	c		s / t	d	1 & 2	x	
2.54	ATL	5.0	14	x	0.3-0.8	21	c		s	d	2	x	
2.54	ATLF	5.0	14	x	0.35-0.75	21	c		s	d	2	x	
2.54	HCH	5.0	50	x	0.3-0.5	4 & 9	c	s		d	1	x	
2.54	HCM	5.0	14	x	0.21/0.3-0.5	3-6	c		s / t	d	1	x	
2.54	RAD	25.0	14	x	0.3-5.0	44	c		s	d	4	x	
2.54	WIC	5.0	14	x	0.5	36 & 40 (1-74)	c		s	d	4	x	
2.54	ZRO	7.0	50	x	0.3-0.85	36 & 48	c		s	d	3	x	x
2.55	TCUD	7.0	50	x	0.3-0.85	48	c		s	d	3	x	x
3.0	BSS	7.0	250	x	22-18	4, 6, 8 & 10	c	t		d	2		
3.3	BNI	4.0	300	x	24-20	2-12	c		t	d	1 & 2		
3.5	HVM	5A	1000	x	0.35-0.5	10	c	s		d	1	x	
3.5	TLDR	5.0	600	x	0.35-0.5	12 & 16 (8/20/24)	c		s / t	d	2	x	
3.5	TLDR	5.0	1.000	x	0.35-0.5	5, 6, 9, 10 & 13	c		s / t	d	2	x	
3.81	JFA J300	15.0	250	x	28-14	1-40	c		s / t	d	1 & 2		
3.96	HL	7.0	300	x	22-18	4, 8 & 12	c		t	d	2		
3.96	PEA	6.5	50	x	0.5-0.75	4 & 12	c		t	d	2	x	
3.96	SDN	7.0	250		22-18	2-12	c			b	1		
3.96	VH	10.0	250	x	22-16	2-11	c		s / t	d	1		
3.96	VR	7.0	250		18-26	2-15	i		s / t	d	1		
3.96	VU	5.0	250	x	22-18	3	c		s / t	d	1		
4.0	BH	1.0	600		28-22	2-5	c	s		d	1		

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Wire-to-Board Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	active locking feature	wire AWG / mm ²	circuit no.	c=crimp i=IDC	SMT s=side t=top b=bottom	THT s=side t=top b=bottom	d=disconnectable b=board-in	row	Automotive	waterproof
4.0	JWPS	6.0	300	x	22-18	2 & 4	c		s	d	1 & 2		x
4.0	HVM	5A	max. 1250 (10 pol. 1000)	x	0.35-0.5	6 & 10	c	s		d	1	x	
4.0	LEB	3.0	300		26-22	1 & 2	c	s		d	1		
4.0	NFG	7A		x		3	c			d	2	x	x
4.0	PSI	12.0	300	x	26-16	2-14	c		s / t	d	1 & 2		
5.0	DV	5.0	250	x	24-20	2-6	c		s / t	d	1		
5.0	HYV	10.0	300	x	22-16	2-6	c		t	d	1 & 2		
5.0	NV	10.0	250	x	22-16	2-4	c		t	d	1		
5.0	SV	5.0	250	x	24-20	2-10	c		t	d	1		
5.0	V	5.0	250		26-20	2-6	c		t	d	1		
5.0	WPJ	7.0	300	x	22-18	2 & 3	c		t	d	1		x
5.0	XL	10.0	150	x	26-16	2-16	c		s / t	d	1 & 2		
5.08	JFA J300	15.0	600	x	28-14	1-40	c		s / t	d	1 & 2		
5.08	LC	7.0	250		22-18	4	c		s / t	d	1		
5.08	VB	7.0	250		22-18	2-12	c		s / t	d	1		
6.0	JFA J4000	22.0	600	x	16-12	2-6	c		s / t	d	1		
6.2	VL	20.0	600	x	22-12	2-12	c		t	d	1 & 2		
6.35	JFA J4000	22.0	600	x	16-12	3 & 4	c		s	d	1		
6.5	VYH	15.0	300	x	26-14	2-6	c		t	d	1 & 2		
7.92	NVA	10.0	250	x	20-16	2	c		t	d	1		
7.92	VA	7.0	250	x	20-18	2	c		s / t	d	1		
8.0	BH	1.0	600		28-22	2	c	s	s	d	1		
8.0	LV	7.0	250		24-18	1-6	c		t	d	1		
8.0	PSI D Type	15.0	600	x	20-16	2	c		t	d	1		

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Wire-to-Board Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	active locking feature	wire AWG / mm ²	circuit no.	c=crimp i=IDC	SMT s=side t=top b=bottom	THT s=side t=top b=bottom	d=disconnectable b=board-in	row	Automotive	waterproof
8.8	JFPS	35.0	600	x	12-10	1-3	c		t	d	1		
11.88	VT	12.0	250	x	20-16	2	c		s / t	d	1		
12.0	BH	1.0	600		28-22	2	c	s		d	1		
Power / Signal	AUH	5.0	30		30-22	3 & 5	c	t (receptacle side feed)		d	1		
Power / Signal	LBT	7.0	50		28-20	3-9	c	s		d	1		
Power / Signal	RHU	25 / 5		x	0.13-5.0 (2xPower/4xSignal)	6	c		s	d	1	x	
others	SDF	5.0			24-20	1	c		t	d	1		
others	SIN				30-10	1	c			b	1		
others	SMF	5.0			26-20	1	c		t	d	1		
others	SPF	5.0			24-20	1	c		t	d	1		

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Wire-to-Wire Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	locking device	wire AWG mm ²	circuit no.	c=crimp i=IDC	panel lock	row	Automotive	waterproof
1.0	CS family	2	50	x	26-30	3-31	c / i	x	1		
1.2	ACH	2	50		28-30	2	c		1		
1.5	CZ / TZ / TZW	2	100	x	26-28	2-40	c / i	x	1 & 2		
1.5	RWM	1	50		26-28	20	c	x	2		
1.5	ZIM	2	100	x	28-24	4-14	c	x	2		
1.5	ZM	0.7	50		28-30	2, 3, 9 & 13	c / i		1		
1.5	ZND	2	100	x	28-24	16-40	c	x	2		
1.5	ZOM	2	100	x	28-24	2-5	c	x	1		
1.5	ZWP	2	50	x	28-24	2-8	c		1 & 2		x
2.0	JWPF	3	100	x	22-26	2, 3, 4, 6 & 8	c		1 & 2		x
2.0	KR / TR / TRW	1	100		24-28	2-32	c / i	x	1 & 2		
2.0	PAL	3	100	x	22-28	2-8	c	x	1		
2.0	PNI	3	100	x	22-28	2-10	c	x	1		
2.2	HIC	5	14	x	0.3-0.5	8	c		2	x	
2.2	JFA J1000	6.4	125	x	18-28	3-26	c		1 & 2		
2.5	HM	3	250		22-26	2-12	c / i	x	1		
2.5	JFA J2000	4.6	250	x	20-28	3-20	c	x	1 & 2		
2.5	RCY	3	250	x	22-28	2	c		1		
2.5	SM	3	250	x	22-28	2-18	c	x	1 & 2		
2.5	XA	3	250	x	20-28	2-15	c	x	1		
2.5	XAD	3	250	x	20-18	8-40	c	x	2		
2.5	XAG	3	250	x	20-24	5	c	x	1		
2.5	XM	3	250	x	20-28	2-18	c	x	1 & 2		
2.5	XMA	3	250	x	22-26	2-6	c		1		

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Wire-to-Wire Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	locking device	wire AWG mm ²	circuit no.	c=crimp i=IDC	panel lock	row	Automotive	waterproof
2.54	AIT2	5	14	x	0.3-0.85	2-22	c		1 & 2	x	
2.54	ARV	5	14	x	0.35-0.75	12, 18 & 22	c		2 & 3	x	
2.54	ATSS	7		x	0.3-0.8	8	c		1	x	x
2.54	HCM	5	14	x	0.3-0.5	4 & 5	c		1 & 2	x	
2.54	SAC	5	14	x	0.3-0.8	4	c		1	x	x
2.55	EVZ2	5		x	0.3-0.85	10, 27 & 36	c	x	2 & 3	x	x
2.7	RPJ	2	250	x	24-28	20 & 26	c	x	2		
3.3	HIL	5	300	x	18-24	2-8	c		1 & 2		
3.5	BHS	1	1400		24-28	2	c		1		
3.5	JFA J2000	4.6	250	x	20-28	12,18 & 20	c	x	2 & 3		
3.81	JFA J300	12.25	250	x	14-28	3-20	c	x	1 & 2		
3.96	HL	7	300	x	18-22	2-12	c	x	1, 2&3		
3.96	SL	7	300	x	18-26	1-6	c		1 & 2		
4.0	BHM	1	600		22-28	2-5	c		1		
4.0	FAB	5	14	x	0.5	2	c	x	1	x	x
4.0	JWPS	6	300	x	18-22	2 & 4	c		1 & 2		x
4.0	PSI	12	300	x	16-26	2 & 3	c	x	1		
4.0	SAB	5	14	x	0.5	2 & 4	c		1	x	x
4.5	EL	10	300	x	16-26	2-15	c	x	1, 2&3		
4.5	YL	10	300	x	16-26	1-21	c	x	1, 2&3		
4.5	YLN	10	300	x	16-26	2-6	c		1 & 2		
5.0	WPJ	7	300	x	18-22	2 & 3	c		1		x
5.0	XL	10	300	x	16-26	2-16	c	x	2		
5.0	ZL	10	300	x	16-26	2-16	c	x	2		

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Wire-to-Wire Connectors



pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	locking device	wire AWG mm ²	circuit no.	c=crimp i=IDC	panel lock	row	Automotive	waterproof
5.08	JFA J300	15	600	x	14-28	1-20	c	x	1 & 2		
5.1	BHT	1	1500		24-28	2	c		1		
5.4	JFA J300	7.5	600	x	14-28	30 & 40	c	x	3		
6.2	VL	20	600	x	12-22	1-12	c	x	1 & 2		
6.2	VL high current	23	600	x	12-20	1-4	c	x	1 & 2		
7.0	MWP	7	300	x	18-26	1 & 2	c		1		x
8.0	BHM	1	600		22-28	2-5	c		1		
11.0	JFA J5000	50	600	x	8-16	1-10	c	x	1 & 2		
16.0	FAH	90	600	x	4-10	2	c	x	1		
25.0	TBX	50	600	x	8	multiple	LPT		2		
FAKRA	JRF	1		x	1.5DS-CV	1	c		1	x	
Hybrid	DAC	1.5 / 6	50 / 300	x	18-30	14 / 5	c	x	2		
Hybrid	OTZ	1 / 5	50 / 300	x	20-28	16 / 4	c	x	2		
Hybrid	RFC	1 / 15	50 / 250	x	14-30	9-44	c	x	1 & 2		
Hybrid	RIC	1 / 15	50 / 250	x	14-28	12 / 4	c	x	2		
Hybrid	RIY	2 / 15	50 / 250	x	14-28	7 / 3	c	x	2		
Hybrid	RIZ	1 / 15	50 / 250	x	14-28	4-14	c / i	x	1		
Hybrid	RIZ L-Type	1 / 15	50 / 250	x	14-28	13 / 3	c	x	1		
Hybrid	RPZ	1 / 15	50 / 250	x	14-26	20-40	c / i	x	2		
Hybrid	RVE	1 / 15	50 / 250	x	14-28	10-25	c / i	x	2		
Hybrid	RWZ	1 / 15	50 / 250	x	14-28	13-41	c / i	x	2		
Hybrid	RWZ L-Type	1 / 15	50 / 250	x	14-28	19 / 6	c / i	x	2		
Hybrid	TSD	2	30 / 300	x	24-28	12 & 20	c	x	2		
Motorcycle OBD	MWT	7.5		x	0.3/0.5	6	c	x	1	x	x

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Wire-to-Wire Connectors

pitch mm	Series	max. current rating (depend on wire range) A	max. voltage rating V	locking device	wire AWG mm ²	circuit no.	c=crimp i=IDC	panel lock	row	Automotive	waterproof
others	BAB	5		x	0.3-0.5	2	c		1	x	
others	MSA	19	14	x	0.35-1.5	16 & 20	c		2	x	
others	SISC	5		x	0.3-0.5	4	c		1	x	x
others	SNA	5	14	x	0.3-0.8	2 & 5	c		1	x	
others	SRV	7	14	x	0.35-0.75	2-5	c		1	x	x
others	WPK	7	12	x	0.5-0.85	1	c		1		x
modular 5.6/6.5/6.7	JFA-VL	15	600	x	12-28	50-90	c	x	3		

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Board-to-Board Connectors



pitch mm	Series	max. current rating A	max. voltage rating V	SMT	THT	circuit no.	alignment horizontal vertical	stacking height mm	Automotive
0.35	JKGN	0.5	30	x		40&90	v	1.0	
0.5	JMC	0.5	50	x		14-64	h / v	3.0-11.0	
0.5	JMD	0.5	50	x		20-100	h / v	4.5-6.0	
0.6	JUX	0.5	50	x		140	v	8.8	
0.635	HTB	0.5	50	x		30&40	h / v	16.0	
1.0	RHM	0.5	50		x	88&176	v		
1.25	JE	1.0	50		x	5-19	v	6.8	
1.25	JED	1.0	50		x	8,16&22	v	7.0	
1.25	JET	1.0	50		x	9&15	v	15.0	
1.5	JDV	1.0	50		x	15-65	v	23.3	
2.0	MQ	1.0	250		x	4-12	v	9.2	
2.5	HVQ	3.0	250		x	3-25	h / v	11.4	
2.5	JL	3.0	250		x	3-15	v	16.3	
2.5	JQ	3.0	250		x	3-15	h / v	11.8/16.3	
2.5	MBS	1.0	250		x	6&8	h	9.5	
2.54	HVD	4.5	14		x	1-9	v	7.6	x
4.0	LEB	3.0	300	x		1&2	h		
other	LEK	3.0		x		1	h		
other	LEL	1.6	100	x		1	h		

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FFC / FPC Connectors



pitch mm	Series	max. current rating A	max. voltage rating V	ZIF	non-ZIF	circuit no.	SMT top / side	THT top / side	contact bottom top double	Plating gold tin	protrusions	height	note
0.2	FVCM	0.2	50	x		41 & 51	s		d	g	x	1.6	mid-flip back-lock normal/reverse
0.2	FVR	0	50	x		39,51,61&71	s		d	g		0.95	mid-flip back-lock normal/reverse
0.2	FVX	0.2	50	x		21-77	s		b	g	x	1.0	
0.2	FVXS	0.2	50	x		39,51&61	s		b	g		1.0	front-lock reverse
0.25	FGEM	0.2	50	x		13-51	s		d	g	x	1.4	mid-flip back-lock normal/reverse
0.3	FXR	0.2	50	x		11-61	s		b	g / t		1.0	
0.3	FXRH	0.2	50	x		19-61	s		d	g		0.9	mid-flip back-lock normal/reverse
0.3	FXS	0.2	50	x		17-51	s		b / t	g		1.8	
0.3	FXV	0.2	50	x		11-51	s		b	g	x	0.9	
0.3	FXVL	0.2	50	x		11-51	s		b	g		0.9	front-lock reverse
0.3	FXY	0.2	50	x		15-81	s		b	g	x	1.3	
0.3	FXZ	0.2	50	x		15-73	s		b	g		1.4	
0.3	FXZT	0.2	50	x		17-51	t			g		3.7	
0.4	FZ	0.5	50		x	5-24	s		d	g		1.0	
0.4	FZA	0.5	50		x	4-24	s		d	g		1.0	layout compatible FZ non-ZIF normal / reverse
0.4	FZC	0.5	50		x	8-20	t			g		2.5	

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FFC / FPC Connectors



pitch mm	Series	max. current rating A	max. voltage rating V	ZIF	non-ZIF	circuit no.	SMT top / side	THT top / side	contact bottom top double	Plating gold tin	protrusions	height	note
0.5	FCH	0.3	50		x	10-51	s			g		2.8	high speed transmission VESA Standard
0.5	FH	0.5	50		x	6-20	s		d	t		1.2	
0.5	FHA	0.5	50		x	4-30	s		d	g		1.1	renewal FHJ non-ZIF normal/reverse
0.5	FHH	0.5	50	x		10-60	s		d	g	x	2.0	back flip
0.5	FHHS	0.5	50	x		40	s		t	g		1.0	high speed transmission Thunderbolt™ back flip mid-flip back-lock normal/reverse
0.5	FHJ	0.5	50		x	4-24	s		d	g / t		1.2	
0.5	FHN	0.5 / 0.3	50	x		8-25	s		b	g / t	x	2.55	back flip
0.5	FHS	0.5	50	x		4,6,8 & 9	s		b	g		0.9	
0.5	FHSY	0.5	50	x		4-28	s		b	g		0.9	front-lock reverse
0.5	FHT	0.5	50		x	4-32	t			g		3.3	
0.5	FHTG	0.5	50		x	20,30,40,50	t / s		t	g	x	3.73/6.5	compatible with shielded FFC
0.5	FHY	0.5	50	x		10-60	s		b	g	x	1.3	
0.5	FKZ	0.5	50	x		5-32	s		b / t	t		1.8	
0.5	FLH	0.5	50	x		4-40	s		b / t	t		1.2	
0.5	FLT	0.5	50		x	6-40	t			t		4.15	
0.5	FLZ	0.5	50	x		6-50	s		b / t	t		2.0	
0.5	FLZT	0.5	50	x		6-42	t			t		3.9	
0.5	FLZX	0.5	50	x		18-50	s		b	t		2.0	
0.5	FWG	0.3	50	x		31,41&51	s		b	g		4.25	high speed transmission crimp or FFC/FPC key pattern / color
0.5	FY	0.3	30		x	30,40&50	t / s		one side	t		3 / 5.2	
1.0	FAZ	1.0	50	x		8-26	t / s		b / t	t			

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FFC / FPC Connectors



pitch mm	Series	max. current rating A	max. voltage rating V	ZIF	non-ZIF	circuit no.	SMT top / side	THT top / side	contact bottom top double	Plating gold tin	protrusions	height	note
1.0	FM	0.5	50		x	3-12	t / s	t / s	d	t		3 / 4.4	
1.0	FMN	0.5	50		x	4-40	t / s	t / s	b / t	t		3 / 5.1	
1.0	FMS	0.5	50		x	3-14	s		d	t		2.8	
1.0	FMZ	0.5	50	x		6-30		t / s	b	t		4.2/6.5	
1.0	FPZ	0.5	50	x		7-25	s		b	t		2.9	
1.25	FE	1.0	200		x	4-40		t / s	t	t		4.8/7.5	
1.25	FFS	0.5	50		x	4-26	s		d	t		2.8	
2.54	FDZ	1.0/50mA	250	x		5-19		t / s	d	t		7.7/10.2	FPC and membrane switch leads also for silver paste carbon-printed lead

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Card Connectors



CARD	Series	notes
CF Card 50 circuits	ICM MA	10.000 life cycles
CFast™ Card	CFF	10.000 life cycles
CFexpress Type B card and XQD card	XCC	push type conforming to CFexpress 1.0 / PCIe 3.0 12.000 life cycles
Micro SD card	SDHK	Flip cover type
Micro SD card	SDHR	push-push mechanism
Micro SD card	SDHT	push-pull
SD Card & MMC	SD	Push-push mechanism
SD Card & MMC	SDK	Push-push mechanism
SIM 4FF Card (Nano)	SCZW	flip cover type
SIM card Mini B-CAS (Plug-in UICC Card)	SCRT	
SIM/UIM card	SCR	
SIM/UIM card	SCK	GSM 11.11 / 3G / W-CDMA 6 / 8 circuits

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Interface Connectors



Series	notes
EP	3.5 mm diameter EIAJ RC-5325A-compliant plug
MJ	modular jack connector high-speed LAN transmission
RJ2	compatible with RJ45 modular jack for communication transmission
RV	high-speed transmission conforming IEEE 1394 standards (4P)
UB	USB 2.0 Typ A & B
UB Micro USB	conforming to Micro USB standard
UB Micro USB waterproof	conforming to Micro USB standard IPX7 of IEC 60529
UB mini B-type	USB mini-B Type
UB3	USB 3.0 standard
UBC	USB Typ C standard waterproof 16 pin version

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Loose Piece Terminals and Chain Terminals

Terminal	Series	Specifications	Remarks
	LPT	for wires 0.2-325 mm ² with and without insulation loose or taped	ring tongues: top and side entry; spade and fork tongues; pin tongues; blade and flag tongues; closed-end and splices
	Chain Terminals	for wires 0.2-5.5 mm ² without insulation taped or loose	tab-on and tab-in terminals, also with Positive Lock; top entry and side entry; ring and fork tongues, splices; insulation sleeves



JST
The Quality Connection

JST Deutschland GmbH
Küferstraße 15
D-73650 Winterbach
Phone: +49 / 71 81 / 40 07 – 0
e-mail: customer.service@jst.de
www.JST.de