











Содержание

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Connectors

Manufacturers

https://www.amphenol-cs.com/			
https://www.antenk.com/	 China	Antenk	
https://www.kinghelm.net/	 China	Kinghelm	
https://www.cvilux.com/	 China	CviLux	Есть в Симметроне
https://edac.net/			
https://www.elektrodetal.com/catalog/	 Карачаев		Прямоугольные соединители Каталог
http://www.klsele.com/	 China	KLS	
https://www.molex.com/molex/home			
http://en.ute.com.cn/	 China	UTE	UTE Product List.pdf
http://www.dragoncity.com.hk/dcpoja.html	 China	Dragon City	
https://gct.co/			
https://www.belfuse.com/ https://www.cui.com/		also stewart connector	
http://www.starconn.com/ENG/Home.aspx	 Taiwan	Starconn	
https://www.singatron.com.tw/	 Taiwan	Singatron	
https://www.keyelco.com/index.cfm	 USA	Keystone	
https://www.shareway-tech.com/			
https://www.l-p.com/ru/		Link-PP	

















Interface

HDMI

Base	P\N	Manufacturer	Description
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	2007435-3	TE	FLAG, RA
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	2HE1542-120112F	Singatron	Flag, RA
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	aliexpress		Flag, RA
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	aliexpress		Flag, RA, 5шт. 150р.

USB

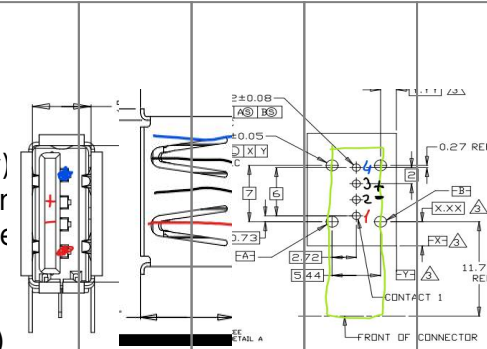
USB PINOUTS

USB	Гнездо Female	Штекер Male
A		
B		
A mini		
B mini		
A micro		
B micro		
Назначение контактов Pin assignment		
	 -S	 +Data
	 -Data	 GND

USB 2.0 Upright (FLAG)

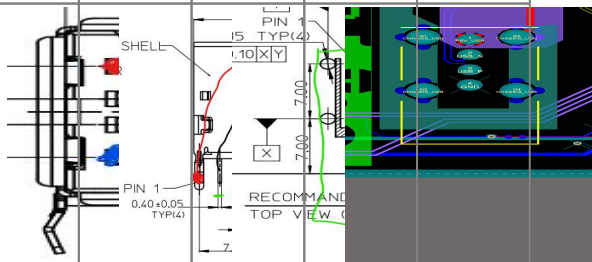
Normal

USBA-1U
 UBAU-04SW01
 3210SR
 DS1095-01-W (белый, Connfly)
 DS1095-01-BNR0 (чёрный, Cor
 USB-A1SSW6 (белый, On Shore
 292336-1 (чёрный, TE)
 1-1734775-1 (чёрный, TE)
 L-KLS1-191-4P-W (белый, KLS)
 USB-A-111 (белый, KLS)
 205F-DAN0-R (белый, ATTEND)



Reversed

48204-0001 (Molex)



Network

QSFP-DD

QSFP-DD web site			http://www.qsfp-dd.com/
QSFP-DD Specification V7.1			https://doc.inmys.ru/hash/77a75002cf2e5d4ddb680f9bb9822c6b/QSFP-DD-Hardware-Rev7.1.pdf
QSFP-DD connector	Molex	2027180100	https://www.molex.com/en-us/products/part-detail/2027180100
QSFP-DD Cage	Link-PP		https://www.link-pp.com/products_1/508.html
QSFP-DD Cage	TE	2342934-3	
QSFP-DD Connector	Amphenol	UE36A10702000T	
QSFP DD Cage	Amphenol	UE36-C16500-05A3A	

QSFP

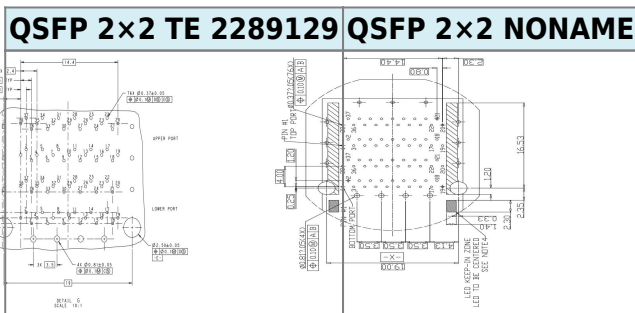
link	ext	description	manufacturer	version	date	lang
1x1						
ATK10-5011292-20S.pdf	pdf	ATK10-5011292-20S QSFP+ 28G 1x1 CAGE 2LP+HEATSINK ANTENK	Antenk	rev/ A		EN
ENG_CD_2170705_D.pdf	pdf	X-2170705-Y QSFP28 CAGE+HEATSINK+LIGHTPIPE	TE			EN
LQ-004.pdf	pdf	LQ-004 - LINK-PP QSFP-28 1x1 CAGE quad Lightpipe, heatsink	LINK-PP	rev A		EN
2x1						
ENG_CD_2227669_F.pdf	pdf	X-2227669-Y QSFP 2x1 Cage+connector	TE			EN
2x2						
ENG_CD_2289129_E.pdf	pdf	2289129 QSFP 2x2	TE			

link	ext	description	manufacturer	version	date	lang
1x1						
c-2289129-2-a-3d.stp	stp	2289129-2 zQSFP+/QSFP28, QSFP, QSFP+ & zQSPF+, Cage Assembly with Integrated Connector, 2 x 2, Internal/External EMI Springs, Included Lightpipe, Standard	TE			
1619_B054_05100_QSFP56_CAGE_压接式_2X2_带导光柱(左上右下)_镀金30U.pdf	pdf	1619.B054.05100 QSFP 2x2	UTE			
Connector						
ENG_CD_1551920_M.pdf	pdf	1551920-X zQSFP+ connector 38 POS TE Connectivity	TE	rev. M		EN
ENG_CD_1551920_N.pdf	pdf	X-1551920-Y zQSFP+ connector 38 POS TE Connectivity	TE	rev. N		EN
LP11F004 (QSFP 38PIN).pdf	pdf	LP11F004 - LINK-PP QSFP 1x1 38PIN SMD	LINK-PP	rev A		EN
INFO						
ENG_DS_5-1773463-0_zQSFP_Plus_Connector_0519.pdf	pdf	QSFP28/56 and zQSFP+ Interconnects TE Connectivity Catalog	TE			EN

QSFP Cross Ref

P/N Original	Description	P/N replacement				QTY	Price				
		UTE	ANTENK	Most Well	LINK-PP		UTE	ANTENK	Most Well	LINK-PP	UTE
1x1											
2-2170705-1	Position ZQSFP+ Cage with Heat Sink Connector Press-Fit Through Hole, Right Angle.	N/A	ATK10-5011292-20S	RMWFQ11KS-0C-11	I'm waiting still	5 000	2,72	5,5-6,0			
						1250	2,86 - MOQ:2000pcs				
2x2											
2289129-2	zQSFP+/QSFP28, QSFP, QSFP+ & zQSPF+, Cage Assembly with Integrated Connector, 2 x 2, Internal/External EMI Springs, Included Lightpipe, UP 4 LP	N/A	N/A	N/A	N/A	5 000					
						1 250					
2289129-3	zQSFP+/QSFP28, QSFP, QSFP+ & zQSPF+, Cage Assembly with Integrated Connector, 2 x 2, Internal/External EMI Springs, Included Lightpipe, Standard, DOWN, 4 LP	N/A	160587-00111	RMW160587-00111	N/A	5 000	30,80	32,50			
						1 250	32,50				
2289129-4	zQSFP+/QSFP28, QSFP, QSFP+ & zQSPF+, Cage Assembly with Integrated Connector, 2 x 2, EMI Springs, Included Lightpipe, Standard, UP 4 LP	N/A	N/A	N/A	N/A	5 000					
						1 250					

171722-2002	zQSFP+® Interconnect System, Data Rate: QSFP+: 10 Gbps zQSFP: 100 Gbps Ethernet; InfiniBand EDR , zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2, Connector and Cage with Metal EMI Gasket, 152 Circuit, Gold (Au) Over Nickel Plated, Up/Down Light Pipe Indicators	1619.B054.05100	ESF200612-C 10738422F020	RMW49021-02M311	I'm waiting still	5 000	21,43	18,90	30,50	8 weeks
						1 250		19,90		
171722-2003	zQSFP+ and QSFP+ Integrated Product Solutions, Data Rate: QSFP+: 10 Gbps, zQSFP: 100 Gbps Ethernet; InfiniBand EDR , zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, 152 Circuit, Gold (Au) Over Nickel Plated, Up/Down Light Pipe Indicators	1619.B064.05100	ESF200612-C 10738422F024	RMW49021-00M311	I'm waiting still	5 000	21,43	18,50	30,50	8 weeks
						1250		19,50		
Connector										
1551920-1	zQSPF+ Connector, Data Rate (Max) 25 Gb/s, Cable-to-Board, 38 Position, .032 in [.8 mm], Connector System: Cable-to-Board	N/A	49000-04M311	RMW49091-00M311	LP11F004	5 000	1,56	2,30	1,90	
						1 250		2,39		



SFP

link	ext	description	manufacturer	version	date	lang
1x2						
LP12F001.pdf	pdf	LP12F001 - LINK-PP SFP+ Cage 1x2	LINK-PP	rev A	2012.07.27	EN
1x4						
2110069-1	pdf	2110069-1 TE\LINK-PP SFP+ Cage 1x4 + lighpipes	LINK-PP, TE			
47027-00N011	pdf	47027-00N011 GLGNET SFP+ Cage 1x4 + lighpipes	GLGNET			
LP14BC01200S-SCNL	pdf	LP14BC01200S-SCNL LINK-PP SFP+ Cage 1x4 + lighpipes	LINK-PP			

link	ext	description	manufacturer	version	date	lang
1x2						
LP14BC02300S-SCNL	pdf	LP14BC02300S-SCNL LINK-PP SFP+ Cage 1x4 + lighpipes	LINK-PP			
2x4						
ENG_CD_2007394_D1.pdf	pdf	2007394 2x4 SFP+	TE			
c-2007394-5-e-3d.stp	stp	2007394-5 2x4 SFP+ Cage+Connector+Lightpipes, 16 Gb/s	TE			
RTS29-DT019-D1S01(SFP+ 2X4 15U_) Rev A.pdf	pdf	RTS29-DT019-D1S01 2x4 SFP+	Antenk			
RTS29-DT019-D1S01_3D-20220331_Rev1.STEP	STEP	RTS29-DT019-D1S01 2x4 SFP+	Antenk			
Connector						
LP11F003.pdf	pdf	LP11F003 - Link-PP SFP\SFP+ connector 20PIN SMD	LINK-PP	rev A	2012.08.27	EN
1888247-1	pdf	1888247-1 - TE SFP\SFP+ connector 20PIN SMD				
47030-01J191	pdf	47030-01J191 - GLGNET SFP\SFP+ connector 20PIN SMD				

RJ-45

link	ext	description	manufacturer	version	date	lang
31133.A1142.994900(5963-S-2X1-正全开窗带8弹-LED左绿右绿黄-8C扁针15U).pdf	pdf	31133.A1142.994900 RJ-45 2x1 (RxC) 2x(G+G(Y) UTE RJSAE5384A2	UTE	rev. A		EN

Manufacturer	Part Number	Портов	Скорость	Монтаж	LEDS	Tab pos	Описание	POE	Особенности	Замена/Производитель
LINK-PP	LPJ4012GDNL	1	10/100 Base-T	THT	Y/G	DOWN	Угловая			7499011125/ Würth SI-60182-F/ Belfuse
LINK-PP	LPJ1014AHNL	1	10/100 Base-T	THT	Y/G	UP	Угловая			480254000/ Molex SI-50154-F/ Belfuse SI-50170-G/ Belfuse
LINK-PP	LPJ0514GENL	1	10/100 Base-T	THT	Y/G	DOWN	Угловая	POE+		XFVOIP5E-CLGY1-4MS/ XFMR5
LINK-PP	LPJD5011BENL	1	10/100 Base-T	THT	Y/G	UP	Угловая			7499010122/ Würth HFJV1-E2450-L12/ Halo
LINK-PP	LPJD0012BENL	1	10/100 Base-T	THT	Y/G	UP	Угловая			JD2-0010NL/ Pulse JD2-0001NL/ Pulse
LINK-PP	LPJD4012-9BENL	1	10/100 Base-T	THT	Y/G	UP	Угловая			SI-46001-F/ Belfuse
LINK-PP	LPJD4514BENL	1	10/100 Base-T	THT	Y/G	UP	Вертикальная	POE+		XRJV-11-01-8-8-4-MD12-2/ X Multiple XRJV-01V-4-D12-380/ X Multiple
LINK-PP	LPJ3011ABNL	1	10/100 Base-T	SMD	Y/G	UP	Угловая			JB0-1002NL/ Pulse J3011G21DNL/ Pulse 7498010210A/ Würth
LINK-PP	LPJ17633AFNL	2	10/100 Base-T	THT	Y/G	UP/DOWN	Угловая			0845-2G1T-H5/ Belfuse
LINK-PP	LPJG0820HENL	1	100/1000 Base-T	THT	G/Y	DOWN	Угловая			JXD0-0001NL/ Pulse JKM-0001NL/ Pulse JD0-0001NL/ Pulse
LINK-PP	LPJ16204BENL	1	10/100/1000 Base-T	THT	Y/G	UP	Угловая			RT9-ZZ-0011/ UDE
LINK-PP	LPJG0926HENL	1	10/100/1000 Base-T	THT	Y/G	DOWN	Угловая	POE+		5-2337992-8/ TE
LINK-PP	LPJD0713BDNL	1	10/100/1000 Base-T	THT	Y/G	UP	Вертикальная			203343/ Erni HFJV1-1G01-L12RL/ Halo HFJV1-E1G01-L12RL/ Halo
LINK-PP	LPJK6071AONL	1	10/100/1000 Base-T	THT	O/GY	UP	Угловая	POE++		0826-1X4T-GH-F/ Belfuse JXD7-0601NL/ Pulse
LINK-PP	LPJK7036-8A98NL	1	10/100/1000 Base-T	THT	O/GY	UP	Угловая		низкопрофильная	L829-1J1T-43/ Belfuse 7499111615/ Würth

Manufacturer	Part Number	Портов	Скорость	Монтаж	LEDS	Tab pos	Описание	POE	Особенности	Замена/ Производитель
LINK-PP	LPJ9011-7KONL	1	10/100 Base-T	THT	O/GY	UP	Угловая			08B0-1X1T-36-F/ Belfuse
LINK-PP	LPJK0036AONL	1	10/100/1000 Base-T	THT	O/GY	UP	Угловая			0826-1X1T-43-F/ Belfuse
Amphenol	RJHSE5484	1		THT		UP	Угловая			2-406549-1/ TE
TE	2-406549-1	1		THT		UP	Угловая			RJHSE5484/ Amphenol
TE	6116526-1 6116526-2	1		THT		DOWN	Угловая			
Connfly	DS1128-02	1		THT		DOWN	Угловая			6116526/ TE
Connfly	DS1125-S80BP	1		THT		DOWN	Угловая		H=12	
LINK-PP	LPJE160HENL	1		THT	G/Y	DOWN	Угловая		BACK3.05	59A-31881201211101/ Shareway
LINK-PP	LPJE160GDNL	1		THT	Y/G	DOWN	Угловая		ESD, BACK3.05	59A-31882201221101/ Shareway
LINK-PP	LPJE160H118NL	1		THT	GO/G	DOWN	Угловая		BACK3.05	59A-3188(21)201211101/ Shareway
LINK-PP	LPJE160CNL	1		THT		TDOWN	Угловая		ESD, BACK3.05	59A-31880201221101/ Shareway
LINK-PP	LPJE160DNL	1		THT		TDOWN	Угловая		BACK3.05	59A-31880201241101/ Shareway
LINK-PP	LPJE160DNL-1	1		THT		TDOWN	Угловая		REVNUMB	
LINK-PP	LPJEF118DNL	1		THT		TDOWN	Угловая		L18.4-FRONTPEG	
LINK-PP	LPJE501DNL	1		THT		TUP	Угловая			

RJ-45 + USB

link	ext	description	manufacturer	version	date	lang
ENG_CD_1909119_C.pdf	pdf	1909119 RJ-45 over USB2.0 1909119-1 1909119-4 1-1909119-4 2-1909119-4 cross = TE 1-1909119-4 → UTE 143.1012.11500	TE	rev. C		EN
c-1-1909119-4-b-3d.stp	stp	1-1909119-4 RJ-45 over USB2.0 w 2LED G\Y cross = TE 1-1909119-4 → UTE 143.1012.11500	TE			
LPJE305-0BHNL.pdf	pdf	LPJE305-0BHNL - LINK- PP RJ45 + USB2 w LEDES substitututes: TE 1-1909119-4, UTE 143.1012.11500	LINK-PP	rev A	2013.09.05	EN

RJ-45(w MAG) + 2xUSB

link	ext	description	manufacturer	version	date	lang
2206151201_UDE-Corp-RU4-ZZ-0105_C2934912.pdf	pdf	RU4-ZZ-0105 2.5G RJ-45 + 2 USB2.0	UDE			
JW0-0009NL	pdf	JW0-0009NL 100M RJ-45 + 2 USB2.0	Pulse			

Edge

Mini Cooledge (MCIO)

Features:

- Pitch 0.6mm, 1.57mm PCB card thickness compatible with PCIe riser cards
- Straight, right angle, side exit and customization cable plug are optional 38pin(4x), 74pin(8x and 12x), and 124pin(16x and 20x) plugs are optional
- Supports 85 ohm and 100 ohm impedance application 30-34AWG cable
- Mechanical performance: Mating force 55.5N (max.), unmating force 49N (max.), and 250 rated durability cycles (min.)

OCF

<p>ATK-me10168x340x10</p>	<p>ANTENK</p>	<p>1.6 host\1.6 nic, no c</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
<p>AGNZA131-P001CC</p>	<p>LOTES</p>	<p>1.6 host\1.6 nic, no c</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
<p>2340321-1</p>	<p>TE</p>	<p>1.6 host\1.6 nic, no c</p>	<table border="1" data-bbox="1236 1189 1492 1447"> <thead> <tr> <th>PLATING</th> <th>PACKAGING</th> <th>QTY</th> <th>QTY</th> <th>QTY</th> <th>QTY</th> <th>QTY</th> <th>QTY</th> <th>QTY</th> <th>QTY</th> </tr> </thead> <tbody> <tr> <td>ES</td> <td>0</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>0.3</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>0.5</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>0.75</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>1.0</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> 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<td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>49.0</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>49.5</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>50.0</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>50.5</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>51.0</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>51.5</td> <td>1.57</td> <td>1.22</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> <td>2.54</td> <td>1.1</td> </tr> <tr> <td>ES</td> <td>52.0</td> 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<td>2.54</</td></tr></tbody></table>	PLATING	PACKAGING	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	ES	0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	0.3	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	0.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	0.75	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	1.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	1.25	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	1.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	2.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	2.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	3.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	3.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	4.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	4.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	5.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	5.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	6.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	6.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	7.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	7.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	8.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	8.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	9.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	9.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	10.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	10.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	11.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	11.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	12.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	12.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	13.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	13.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	14.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	14.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	15.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	15.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	16.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	16.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	17.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	17.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	18.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	18.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	19.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	19.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	20.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	20.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	21.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	21.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	22.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	22.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	23.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	23.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	24.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	24.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	25.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	25.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	26.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	26.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	27.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	27.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	28.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	28.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	29.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	29.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	30.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	30.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	31.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	31.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	32.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	32.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	33.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	33.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	34.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	34.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	35.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	35.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	36.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	36.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	37.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	37.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	38.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	38.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	39.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	39.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	40.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	40.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	41.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	41.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	42.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	42.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	43.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	43.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	44.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	44.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	45.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	45.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	46.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	46.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	47.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	47.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	48.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	48.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	49.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	49.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	50.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	50.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	51.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	51.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	52.0	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	52.5	1.57	1.22	2.54	1.1	2.54	1.1	2.54	1.1	ES	53.0	1.57	1.22	2.54	1.1	2.54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3-1734774-0		
2-1734774-9		
2-1734774-0		
1-1734774-9		
1734774-8		
1734774-6		
1734774-5		

PCIe Gen2 X4 V TH

9-1734774-3	2.3mm	1.5\$	25дн
8-1734774-1	2.3mm	1\$	25дн
8-1734774-0	2.3mm	1.2\$	25дн
6-1734774-9	3.1mm	1.5\$	2шт. 4дн
5-1734774-6	3.1mm	1.1\$	
9-1734774-2			
7-1734774-9			
7-1734774-8			
6-1734774-8			
5-1734774-7			
5-1734774-5			
5-1734774-4			

Edge Slot

link	ext	description	manufacturer	version	date	lang
ECM-10-B-H-7-G3-P-A-01.pdf	pdf	2.54mm EDGE Slot SMT Straddle Mount Connectors	Antenk			EN
SL-XXR	ali	2.54mm EDGE Slot TH RA Connectors	China			
KLS1-603C	pdf	EDGE CARD SLOT 2.54mm Connector Straight and Right Pin Type	KLS			

2.54 header machined (цанговые)

link	web	2.54mm machined header	china, Connfly		
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Pogopins

https://www.avrobot.ru/product_info.php?products_id=2867
https://www.platan.ru/cgi-bin/qwery.pl/id=2013051580

P50 Series[0#] Minimum distance 1.27mm

Order the way
P 50 - [E] [2]

1*F means the straight-up tip diameter of plunger is 0.48mm
2*F means the standard tip diameter is 0.5mm
3*F means the outer diameter is 1.25mm

Tip Style Tip Diameter

P50-A2	P50-B1
P50-D7	P50-F
P50-J1	P50-G1
P50-Q1	P50-H2
P50-T2	P50-LM2

Receptacle

R50-1W	R50-2W
R50-1C	R50-2C
R50-3C	R50-4C
R50-5C	R50-6C
R50-7C	R50-8C
R50-9C	R50-10C
R50-11C	R50-12C
R50-13C	R50-14C
R50-15C	R50-16C
R50-17C	R50-18C
R50-19C	R50-20C
R50-21C	R50-22C
R50-23C	R50-24C
R50-25C	R50-26C
R50-27C	R50-28C
R50-29C	R50-30C
R50-31C	R50-32C
R50-33C	R50-34C
R50-35C	R50-36C
R50-37C	R50-38C
R50-39C	R50-40C
R50-41C	R50-42C
R50-43C	R50-44C
R50-45C	R50-46C
R50-47C	R50-48C
R50-49C	R50-50C

Materials
Plunger: BeCu or SK4 plated Gold or Phodium
Barrel: Phosphor Bronze plated Gold Plated
Spring: Stainless Steel Wire
Receptacle: Brass with Gold plated

Recommended Hole Size 0.90mm
Current Rating 2A
Contact Resistance 50mΩ
Spring Force 2.5mm Stroke Spring (20g) @ 75g(120g) Force

Probe unit: mm

Order form
P75- [2] [E] [2]

1, represents a straight needle bar top type diameter 0.74mm (or 0.7mm)
2, represents a standard type having a diameter of 1.30mm needle
3, shows the head of an outer diameter of 1.50

Head Length Head shape Head Diameter
2" indicates 1.2mm
No identification default 1.5mm

P75-A2	P75-B1
P75-D2	P75-E2
P75-1D	P75-E3
P75-J1	P75-F
P75-Q1	P75-F2
P75-G1	P75-Q2
P75-T2	P75-H2
P75-LM2	P75-H3
P75-LM3	P75-LM3

AVRobot ЭЛЕКТРОННЫЕ КОМПОНЕНТЫ

P100 [P25] Recommended min. test centers: 2.54mm

How to order
P100 - [E] [2]

1 = 0.99mm (Straight tip)
2 = 1.5mm ((Standard tip)
3 = 1.80mm

Tip style Tip Dia

P100-A2	P100-B1
P100-A3	P100-D3
P100-J1	P100-Q2
P100-E2	P100-F1
P100-Q1	P100-Q2
P100-M3	P100-H2
P100-LM2	P100-T2
P100-LM3	P100-T3

Receptacles

R100-1S	R100-2W
R100-2S	R100-3W
R100-3S	R100-4W
R100-4S	R100-4W
R100-2T	R100-4T
R100-3T	R100-4VT

Specifications(Recommended)
Mounting Hole Size: 1.70mm
Contact Resistance: 50mΩ ohms
Spring Force: 180g(Standard) or 40g/80g/120g/250g/280g/350g(Available)

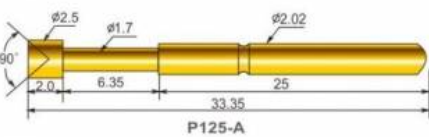
Material
Receptacles: Brass, Gold Plated
Barrel: Phosphor Bronze, Gold Plated
Plunger: 1. Phosphor Bronze, Nickel Plated
2. BeCu or SK4, Nickel Plated or Gold Plated or Rh Plated(Identified by 'NEW')

Spring: Stainless Steel Wire

AVRobot ЭЛЕКТРОННЫЕ КОМПОНЕНТЫ

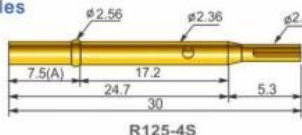
P125 Series
Recommended min.test centers: 3.18mm

Test Probe Dimension in millimeter







P125-A

Receptacles



R125-4S

Model	A
R125-1S	0 (flared opening)
R125-2S	2.5
R125-3S	5.0
R125-4S	7.5
R125-5S	10
R125-6S	13

 **P125-B** Ø1.7
 **P125-D** Ø2.5
 **P125-H** Ø2.5
 **P125-Q** Ø2.5
U-shaped tip in fact


Specifications(Recommended)

Mounting Hole Size: 2.4mm
 Current Rating: 3A
 Contact Resistance : 50milli ohms
 Rated stroke:6.35mm
 Spring Force: 180g(Standard) or 65g/280g/
 350g(Available)

Material

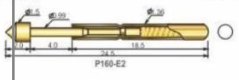
Receptacles: Brass , Gold Plated
 Barrel: Phosphor Bronze, Gold Plated
 Spring: Stainless Steel Wire

Plunger: 1.Phosphor Bronze, Nickel Plated
 2.Becu or SK4, Nickel Plated or Gold Plated or Rh Plated(Identified by"NEW")



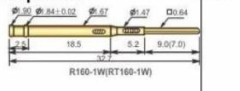
P160 [2#]
Recommended min.test centers: 2.54mm

Test Probe unit: mm





























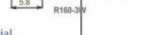


P160-E2

Receptacles unit: mm



R160-1W(RT160-1W)

 **P160-J1**
 **P160-B1**
 **P160-A2** Ø1.5
 **P160-A3** Ø1.8
 **P160-E2** Ø1.5
 **P160-E3** Ø1.8
 **P160-E4** Ø2.5
 **P160-E5** Ø3.0
 **P160-E6** Ø4.0
 **P160-Q1** Ø1.5
 **P160-Q2** Ø1.5
 **P160-Q3** Ø1.5
 **P160-Q4** Ø1.5
 **P160-K2** Ø1.5
 **P160-K3** Ø1.8
 **P160-L2** Ø1.5
 **P160-L3** Ø1.8
 **P160-L4** Ø2.0
 **P160-L5** Ø2.5
 **P160-L6** Ø3.0
 **P160-L7** Ø4.0
 **P160-T2** Ø1.5
 **P160-T3** Ø1.8


 **R160-1S**
 **R160-1W**
 **R160-2S**
 **R160-2W**
 **R160-3S**
 **R160-3W**

Material

Receptacles: Brass,Gold Plated
 Spring: Stainless Steel Wire
 Barrel: Phosphor Bronze,Gold Plated
 Plunger: 1.Brass,Nickel Plated
 2.Becu or SK4,Gold Plated or Rh Plated (Identified by "NEW")

Specifications(Recommended)

Mounting Hole Size: 1.70mm
 Current Rating: 2A
 Contact Resistance: 50milli ohms
 Rated Stroke: 4mm
 Spring Force: 180g(Standard) or 40g/160g/ 250g/280g



P\N	ID	OD	Current	Voltage	Company
DTD-00020	1.3	3.4\3.8	2A	16V	
L-KLS1-DC-002A-1.3	1.3	3.4\3.8	2A	16V	KLS
DS-313	1.3	3.4\3.8	2A	16V	Dragon City
DJK-02A	2	6.4			
K375A	2	6.4			
DS-210B	2	6.4			Dragon City
DS-261B-HC	2	6.4	4A	20V	Dragon City
L-KLS1-DC-005A-2.0	2	6.4	5A		KLS

HDEPC

Huawei 48V power connector:



RF

SMA
RP-SMA
SMB
SMP
Type-N
BNC
PL
U.FL

SMA

- SMA\RP-SMA
- Solder
 - SMD
 - THT
 - Wire
 - Crimp
- Type
 - Right Angle
 - Straight
 - Bulk
 - Panel
 - Edge
- Center pin diameter
- Mounting pins diameter

- Ext part length
- Thread length
- Thread direction?
- pcb to center pin height (for RA)
- Freq Range
- Cable Type (for Crimp)
- 50R\75R

RP-SMA

SMA

MALE

FEMALE

MALE

FEMALE



p\n	Mfg	Gender	R	type	drawing	CL to pcb	L	
73391-0083	Molex	female	50			6.9	14.8	CH 1.6 GNDH 1.6
73391-0320	Molex	male	50			6.4	14.8	CH 1.5 GNDH 1.3
73100-0114	Molex	female	50			6.4	14.8	CH 1.6 GNDH 1.6
L-KLS1-SMA002-B	KLS	female	50			6.5	14.5	CH 1.5 GNDH 1.5

p\n	Mfg	Gender	R	type	drawing	CL to pcb	L	
SMA-KWE-L13.5	YEXIN? Lineyi?	female	50	RA		?	?	аналог 73391-0083?