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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	
https://www.alltopconnector.com/	Taiwan?	Alltop	HDCE+, ...

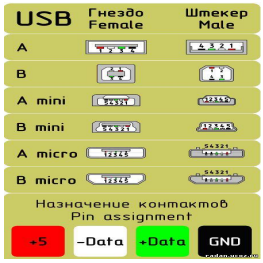
Interface

HDMI

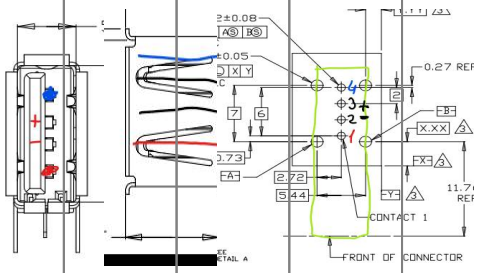
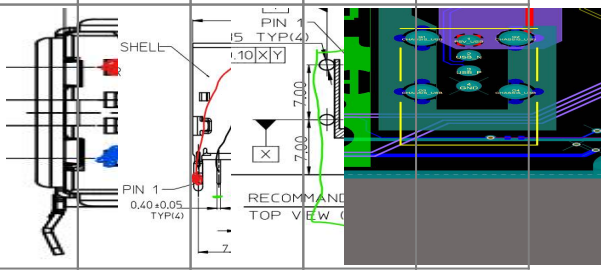
Base	P\N	Manufacturer	Description
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	2007435-3	TE	FLAG, RA
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	2HE1542-120112F	Singatron	Flag, RA
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	aliexpress		Flag, RA
CONN-HDMI-0.5MM-19P-RA-FLAG-TH	aliexpress		Flag, RA, 5шт. 150р.

USB

USB PINOUTS



USB 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

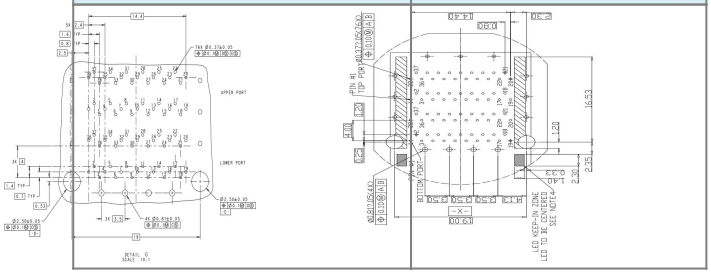
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ATK10-5011292-20S.pdf	pdf	**ATK10-5011292-20S** QSFP+ 28G 1×1 CAGE 2LP+HEATSINK ANTENK	Antenk	rev/ A		EN
ENG_CD_2170705_D.pdf	pdf	**X-2170705-Y** QSFP28 CAGE+HEATSINK+LIGHTPIPE	TE			EN
LQ-004.pdf	pdf	**LQ-004** - LINK-PP QSFP-28 1×1 CAGE quad Lightpipe, heatsink	LINK-PP	rev A		EN
2×1						
ENG_CD_2227669_F.pdf	pdf	**X-2227669-Y** QSFP 2×1 Cage+connector	TE			EN
2×2						
ENG_CD_2289129_E.pdf	pdf	**2289129** QSFP 2×2	TE			

link	ext	description	manufacturer	version	date	lang
1×1						
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 2×2	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 1×1 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
1×1											
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			
2×2											
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			

QSFP 2×2 TE 2289129	QSFP 2×2 NONAME
	

SFP

link	ext	description	manufacturer	version	date	lang
1×2						
LP12F001.pdf	pdf	**LP12F001** - LINK-PP SFP+ Cage 1×2	LINK-PP	rev A	2012.07.27	EN
1×4						
2110069-1	pdf	**2110069-1** TE\LINK-PP SFP+ Cage 1×4 + lighpipes	LINK-PP, TE			
47027-00N011	pdf	**47027-00N011** GLGNET SFP+ Cage 1×4 + lighpipes	GLGNET			
LP14BC01200S-SCNL	pdf	**LP14BC01200S-SCNL** LINK-PP SFP+ Cage 1×4 + lighpipes	LINK-PP			

link	ext	description	manufacturer	version	date	lang
1×2						
LP14BC02300S-SCNL	pdf	**LP14BC02300S-SCNL** LINK-PP SFP+ Cage 1×4 + lighpipes	LINK-PP			
2×4						
ENG_CD_2007394_D1.pdf	pdf	**2007394** 2×4 SFP+	TE			
c-2007394-5-e-3d.stp	stp	**2007394-5** 2×4 SFP+ Cage+Connector+Lightpipes, 16 Gb/s	TE			
RTS29-DT019-D1S01(SFP+ 2X4 15U__)_Rev A.pdf	pdf	**RTS29-DT019-D1S01** 2×4 SFP+	Antenk			
RTS29-DT019-D1S01_3D-20220331_Rev1.STEP	STEP	**RTS29-DT019-D1S01** 2×4 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 2×1 (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/ Wurth 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/ XFMRS
LINK-PP	LPJD5011BENL	1	10/100 Base-T	THT	Y/G	UP	Угловая			7499010122/ Wurth 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/ Wurth
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/ Wurth

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 TWE271GDNL/ Telewire SS-7488S-YG-PG4-BA/ Stewart
LINK-PP	LPJE160H118NL	1		THT	GO/G	DOWN	Угловая		BACK3.05	59A-3188(21)201211101/ Shareway
LINK-PP	LPJE160CNL	1		THT		DOWN	Угловая		ESD, BACK3.05	59A-31880201221101/ Shareway
LINK-PP	LPJE160DNL	1		THT		DOWN	Угловая		BACK3.05	59A-31880201241101/ Shareway
LINK-PP	LPJE160DNL-1	1		THT		DOWN	Угловая		REVNUMB	
LINK-PP	LPJEF118DNL	1		THT		DOWN	Угловая		L18.4-FRONTPEG	
LINK-PP	LPJE501DNL	1		THT		UP	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 LEDS 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			

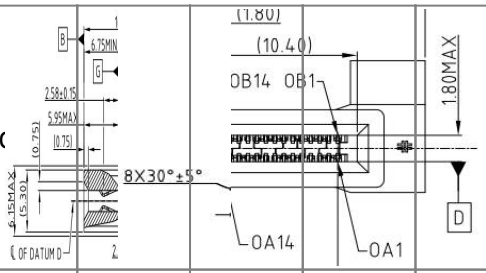
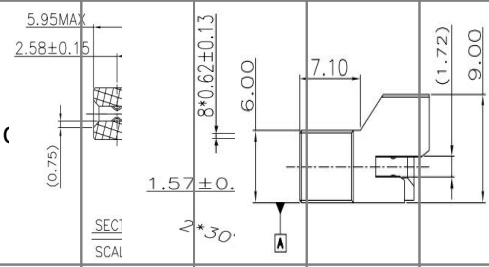
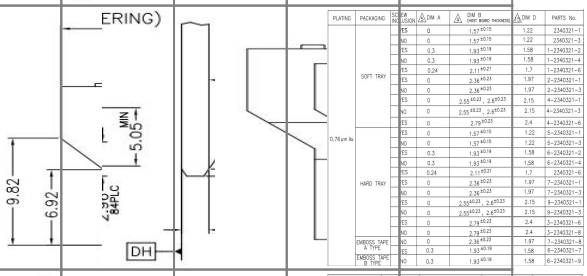
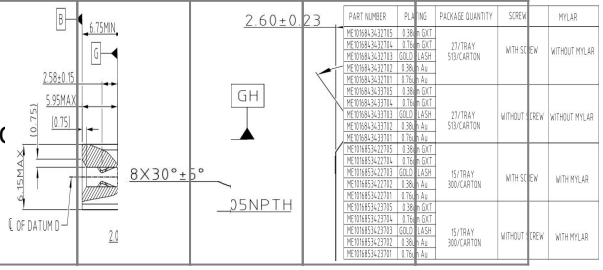
Edge

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) plugrs 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.)

OCP

ATK-me10168x340x10	ANTENK	1.6 host\1.6 nic, no c 
AGNZA131-P001CC	LOTES	1.6 host\1.6 nic, no c 
2340321-1	TE	1.6 host\1.6 nic, no c 
cme10168x34xx70x	AMPHENOL	2.6 host\1.6 nic, no c 

PCIe Gen2&3 X4 V TH

1734774-7	3.1mm	0.3$
2-1775801-1	2.3mm	1$
1871058-2	2mm	6.2$
4-1734774-4		
4-1734774-3		

3-1734774-2			
3-1734774-1			
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

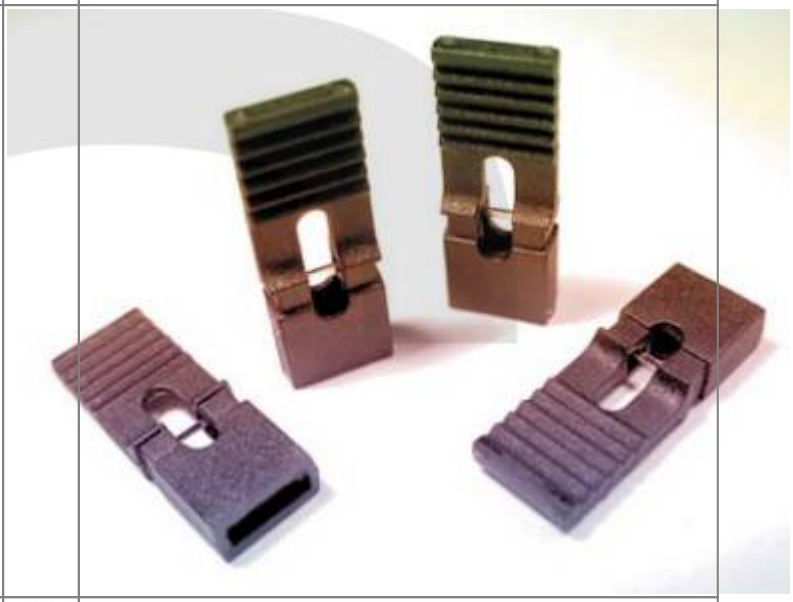
link	ext	description	manufacturer	version	date	lang
ECM-10-B-H-7-G3-P-A-01.pdf	pdf	2.54mm EDGE Slot SMT Straddle Mount Connectors	Antenk			EN
SL-XXR	ali	2.54mm EDGE Slot TH RA Connectors	China			
KLS1-603C	pdf	EDGE CARD SLOT 2.54mm Connector Straight and Right Pin Type	KLS			

2.54 header machined (цанговые)

link	web	2.54mm machined header	china, Connfly

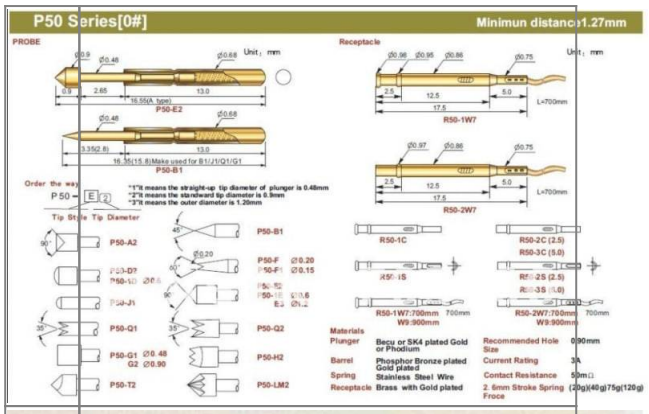
Jumper

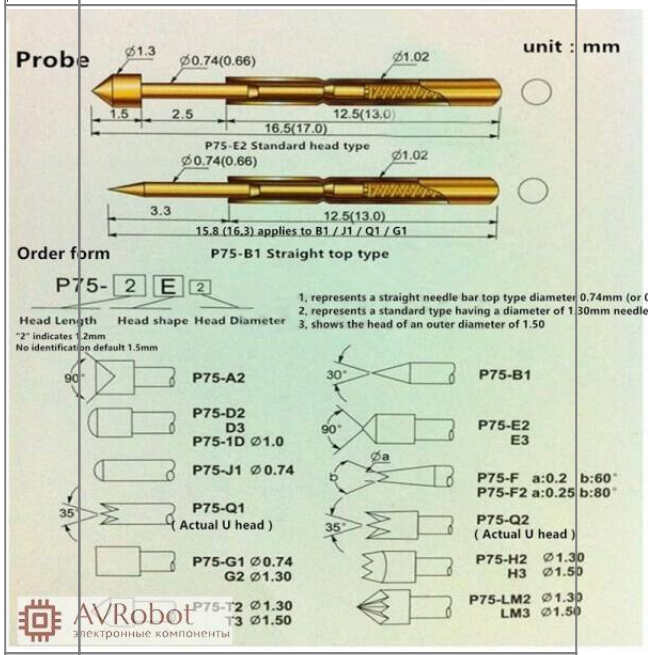
KLS	https://doc.inmys.ru/hash/8373513ba3a6fcf5856c5bcb38acc0e6/MJ-C-6.47.pdf

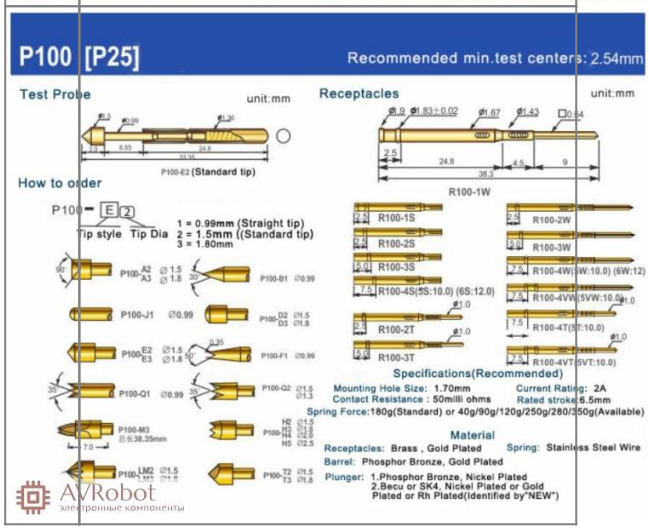
open	
open	
close	

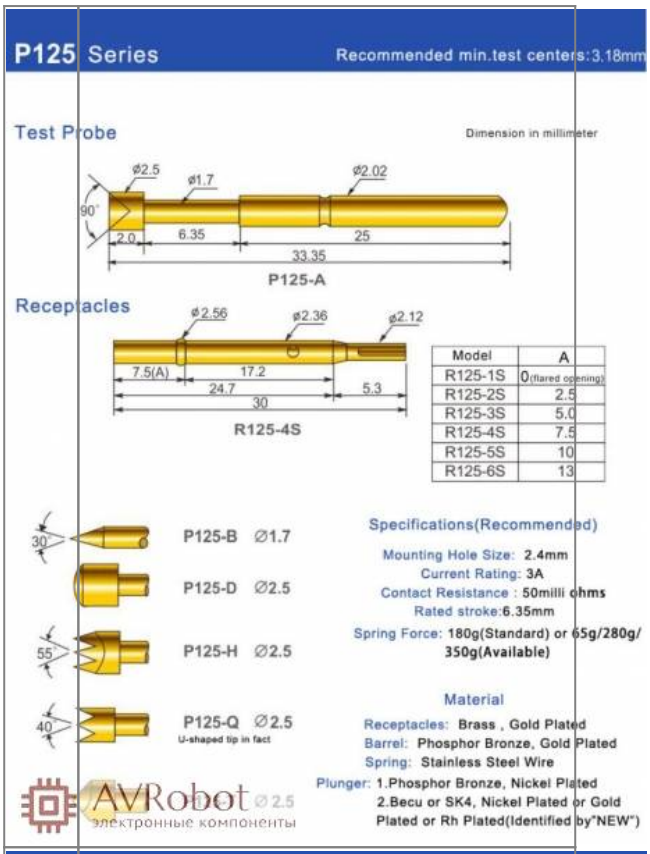
Pogopins

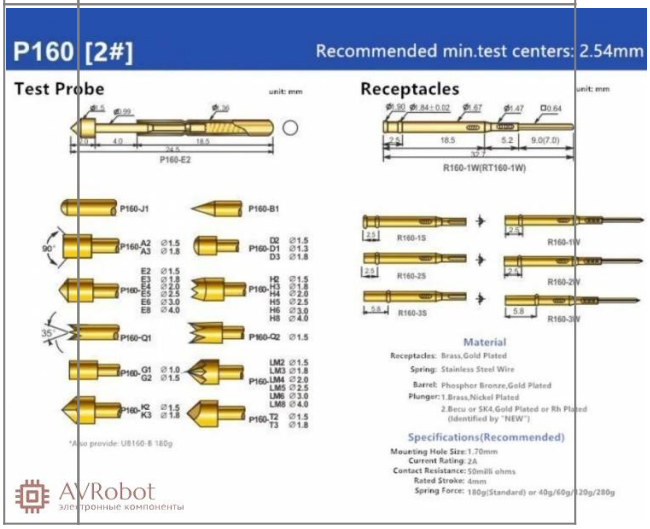
https://www.avrobot.ru/product_info.php?products_id=2867
https://www.platan.ru/cgi-bin/qwery.pl/id=2013051580

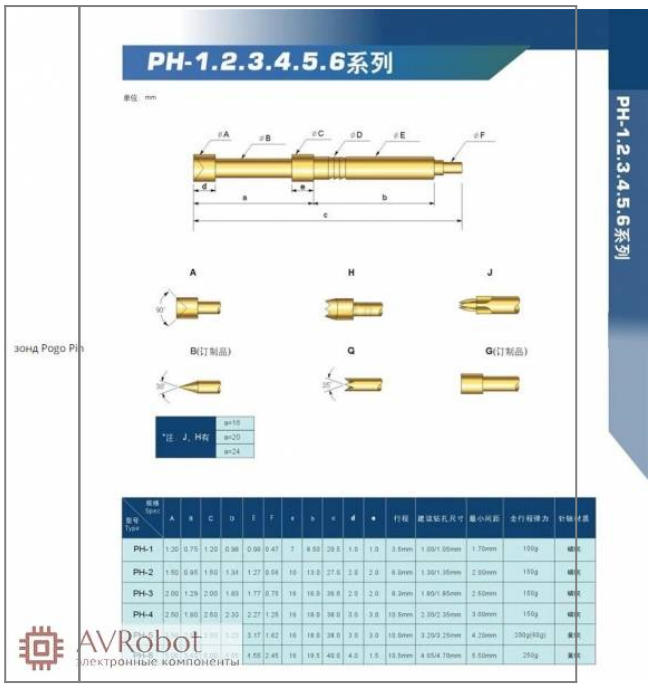

P50 Series[0#]
Minimun distance:1.27mm
PROBE
Receptacle
Unit: mm
P50-E2
P50-B1
Order the way
P50 - E 2
Tip Style Tip Diameter
P50-A2
P50-B1
P50-D7
P50-J1
P50-Q1
P50-Q2
P50-G1 Ø0.48
G2 Ø0.90
P50-H2
P50-T2
P50-LM2
R50-1W7
R50-2W7
R50-1C
R50-2C (2.5)
R50-3C (5.0)
R50-1S
R50-2S (2.5)
R50-3S (5.0)
R50-1W7:700mm
W9:900mm
R50-2W7:700mm
W9:900mm
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 3A
Contact Resistance 50mΩ
2.6mm Stroke Spring Froce (20g)(40g)75g(120g)


Probe
unit : mm
Ø1.3
Ø0.74(0.66)
Ø1.02
1.5
2.5
12.5(13.0)
16.5(17.0)
P75-E2 Standard head type
3.3
15.8 (16,3) applies to B1 / J1 / Q1 / G1
Order form
P75-B1 Straight top type
P75- 2 E 2
Head Length
Head shape
Head Diameter
"2" indicates 1.2mm
No identification default 1.5mm
1, represents a straight needle bar top type diameter 0.74mm (or
2, represents a standard type having a diameter of 1.30mm needle
3, shows the head of an outer diameter of 1.50
P75-A2
P75-D2
D3
P75-1D Ø1.0
P75-J1 Ø0.74
P75-Q1
(Actual U head)
P75-G1 Ø0.74
G2 Ø1.30
P75-T2 Ø1.30
T3 Ø1.50
P75-B1
P75-E2
E3
P75-F a:0.2 b:60°
P75-F2 a:0.25 b:80°
P75-Q2
(Actual U head)
P75-H2 Ø1.30
H3 Ø1.50
P75-LM2 Ø1.30
LM3 Ø1.50
AVRobot
электронные компоненты

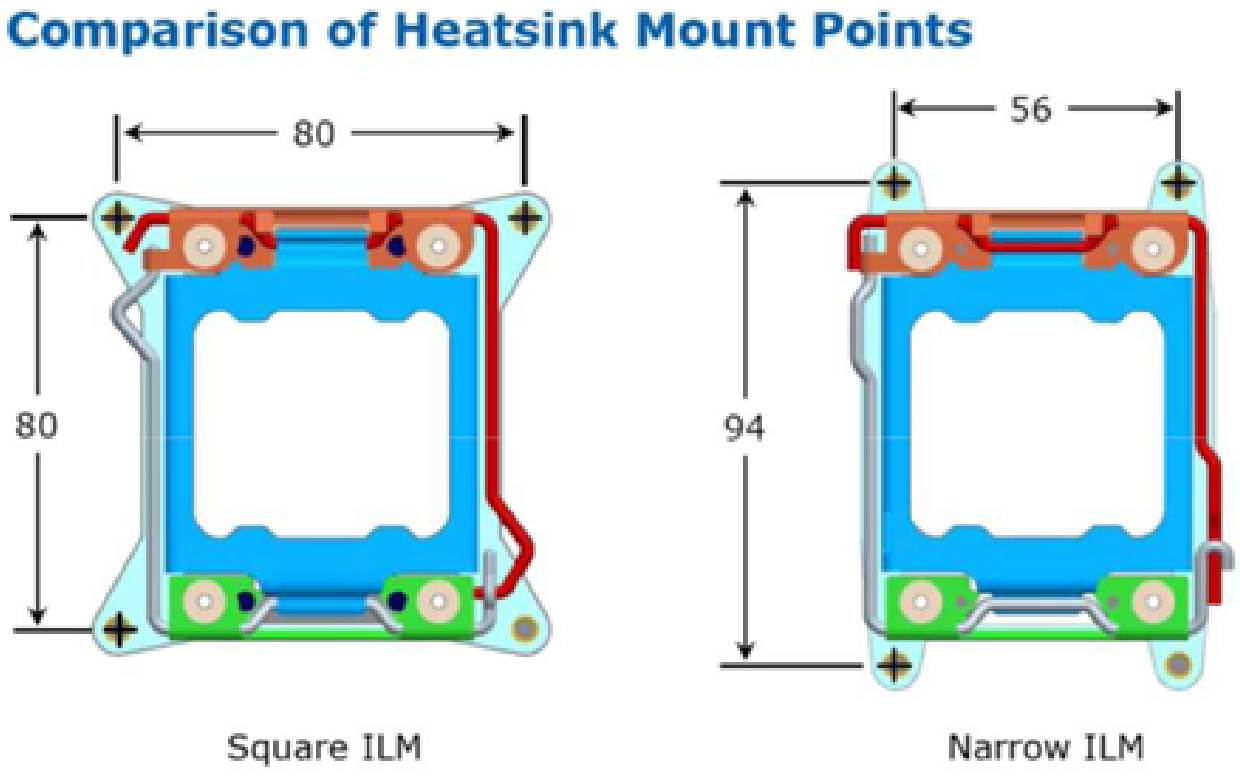

P100 [P25]
Recommended min.test centers: 2.54mm
Test Probe
unit:mm
P100-E2 (Standard tip)
How to order
P100 - E 2
Tip style Tip Dia
1 = 0.99mm (Straight tip)
2 = 1.5mm ((Standard tip)
3 = 1.80mm
P100-A2 A3
P100-B1 Ø0.99
P100-J1 Ø0.99
P100-D2 D3
P100-E2 E3
P100-F1 Ø0.99
P100-Q1 Ø0.99
P100-Q2
P100-M3
P100-LM2
P100-T2 T3
Receptacles
unit:mm
R100-1W
R100-1S
R100-2S
R100-3S
R100-4S(5S:10.0) (6S:12.0)
R100-2T
R100-3T
R100-2W
R100-3W
R100-4W(5W:10.0) (6W:12)
R100-4VW(5VW:10.0)
R100-4T(5T:10.0)
R100-4VT(5VT:10.0)
Specifications(Recommended)
Mounting Hole Size: 1.70mm
Current Rating: 2A
Contact Resistance : 50milli ohms
Rated stroke 6.5mm
Spring Force:180g(Standard) or 40g/90g/120g/250g/280/350g(Available)
Material
Receptacles: Brass , Gold Plated
Spring: Stainless Steel Wire
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")
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")
AVRobot
электронные компоненты


P160 [2#]
Recommended min.test centers: 2.54mm
Test Probe
Receptacles
P160-E2
R160-1W(RT160-1W)
Material
Specifications(Recommended)
AVRobot
электронные компоненты



ILM LGA2011



POWER

AMASS	China	https://www.china-amass.com/

Power Jack

P\N	ID	OD	Current	Voltage	Company
DJK-05D	1.3	3.4\3.8	2A	16V	

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:



HDCE (Power Edge Plus)



Molex	2194760000	CONN-PWR-HDCEP-12P-14S-CL4.25-PCB2.36-TH-RA	link
Molex	2194760100	CONN-PWR-HDCEP-12P-14S-CL3.74-PCB2.36-TH-RA	link
TE	2407532-5	CONN-PWR-HDCEP-12P-14S-CL3.74-PCB1.93-TH-RA	link
ALLTOP	C25006-12643-Y	CONN-PWR-HDCEP-12P-14S-CL4.15?-PCB2.36?-TH-RA	

Mini-Fit (4.2mm)

Drain Hole в коннекторах серии Molex Mini-Fit — это специальное дренажное отверстие в корпусе разъема, предназначенное для удаления остатков промывочной жидкости после процесса очистки печатных плат.

Основные характеристики и назначение:

- Удаление жидкостей: Исторически эти отверстия добавлялись для того, чтобы излишки жидкости (воды или чистящих растворов) могли свободно вытекать из корпуса разъема после промывки платы от остатков флюса.
- Защита контактов: Предотвращение задержки влаги внутри коннектора помогает избежать коррозии и других проблем с электрическим соединением.

Актуальность:

- В современной электронике эта функция становится менее востребованной из-за перехода на безотмывочные флюсы (No-clean fluxes) и совершенствования технологий мойки.

Текущий статус технологии:

- Компания Molex постепенно выводит из обращения (obsolescence) версии разъемов Mini-Fit с дренажными отверстиями, заменяя их на модели без отверстий. Это связано с тем, что:
  - Отсутствие необходимости: Современные процессы сборки печатных плат больше не требуют таких мер для удаления влаги.
  - Герметизация (Potting): Коннекторы без дренажных отверстий («drain-hole-free») лучше подходят для приложений, требующих заливки компаундом (поттинга). В версиях с отверстиями герметик может вытекать через них или попадать в зону контакта, нарушая соединение.

Если вы проектируете новое устройство и планируете использовать заливку платы компаундом для защиты от внешней среды, рекомендуется выбирать версии Mini-Fit без Drain Hole.

RF

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

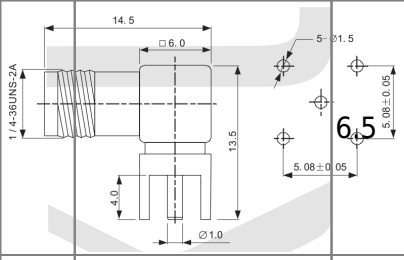
SMA

- 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



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

p\n	Mfg	Gender	R	type	drawing	CL to pcb	L	
L-KLS1-SMA002-B	KLS	female	50			6.5	14.5	CH 1.5 GNDH 1.5
SMA-KWE-L13.5	YEXIN? Lineyi?	female	50	RA		?	?	аналог 73391-0083?