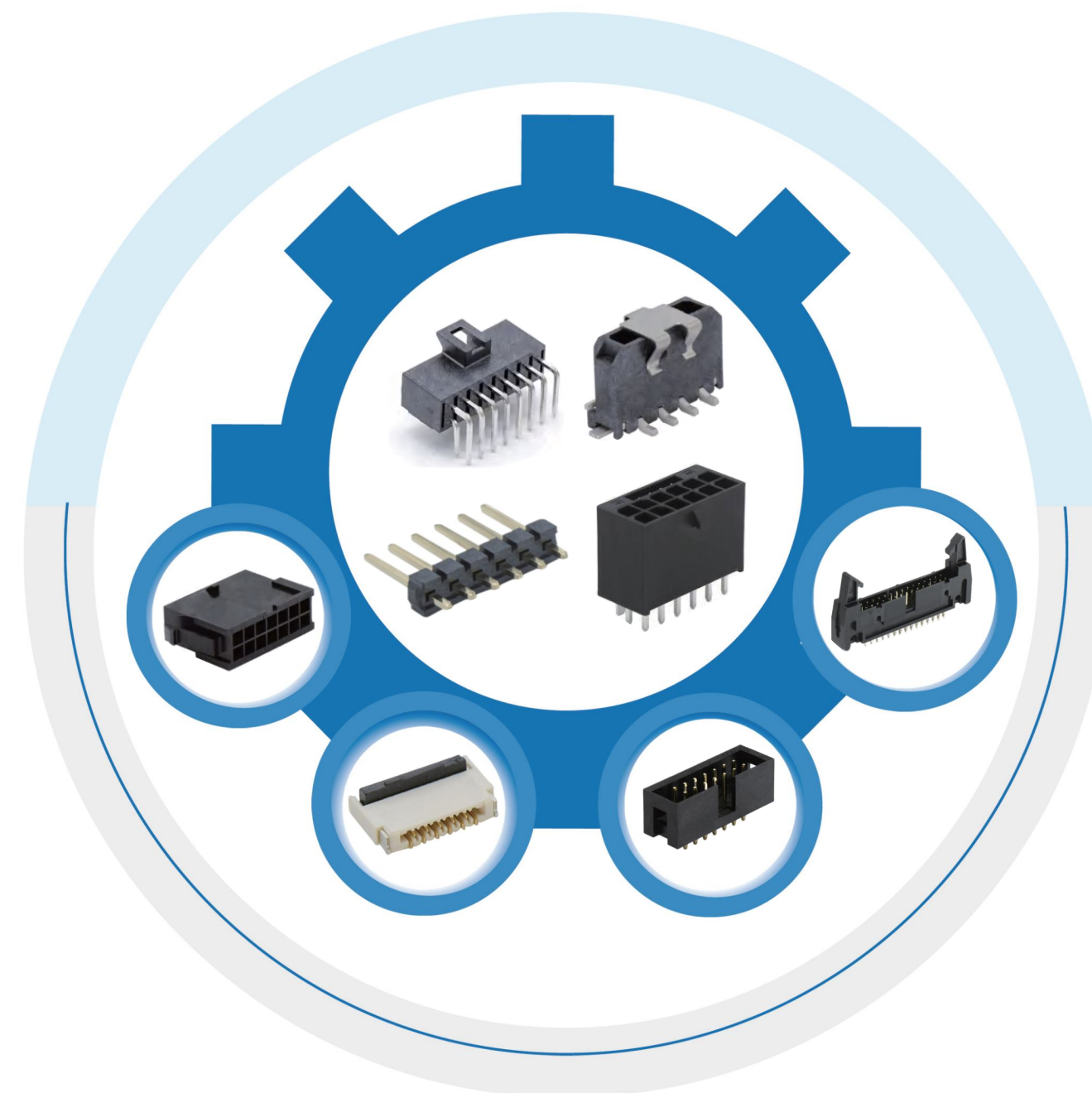




CONNECTOR PRODUCT
SELECTION MANUAL
连接器产品选型手册

电子谷
让连接更简单

万连科技

2025 CONNECTOR



广东万连科技有限公司

Guangdong Wanlian Technology Co., Ltd

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Town, Dongguan City, Guangdong Province



扫码进入官网

公司简介 >>

COMPANY PROFILE

广东万连作为业界领先的连接方案提供商，致力于为中国制造业发展提供广泛适用性的连接器产品与技术导向型的定制化服务。

Guangdong Wanlian as a leading provider of connection solutions in the industry, is committed to providing services for the development of China's manufacturing industry provides widely applicable connector products and technology oriented customized services to create value.

经过18年的技术沉淀，万连已获得多项技术认证、国家高新技术企业认证及超150项专利认证，拥有专业的行业实验室以及完整高效的连接器产线，提供从研发、测试到生产的一站式配套服务。

After 18 years of technological precipitation, Wanlian has obtained multiple technical certifications, national high-tech enterprise certifications, and over 150 patent certifications, and has professional industry laboratories And a complete and efficient connector production line. Provide one-stop supporting services from research and development, testing to production.

万连坚持不断追求技术创新，依托超200+工程师团队，实现覆盖消费电子、工业工控、汽车、新能源等多领域，可根据客户的各种个性化需求，快速提供解决方案，满足客户多元化场景连接需求。

Wanlian insists on continuously pursuing technological innovation, relying on a team of over 200 engineers, we have achieved coverage in various fields such as consumer electronics, industrial control, automobiles, new energy, etc. We can meet the needs of various customers Personalized requirements, quickly providing solutions to meet customers' diverse scene connection needs.

未来，我们期待成为最具客户信赖的连接解决方案服务平台，让连接更简单！

In the future, we look forward to becoming the most trusted connection solution service platform for customers and Make the connection simpler!



企业愿景
让连接更简单



企业理念
以客户为中心，以人为本
团结协作，创新高效

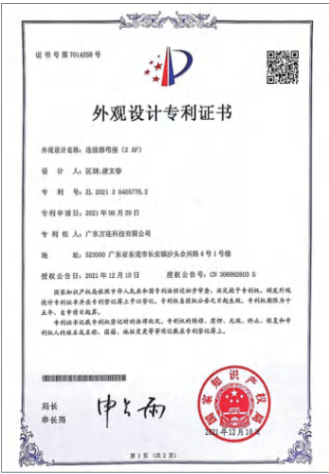


企业使命
提供标准化、可定制的一站式连接解决方案,为客户降本增效



企业认证 >>

ENTERPRISE CERTIFICATION



生产车间 >>
WORKSHOP STORAGE

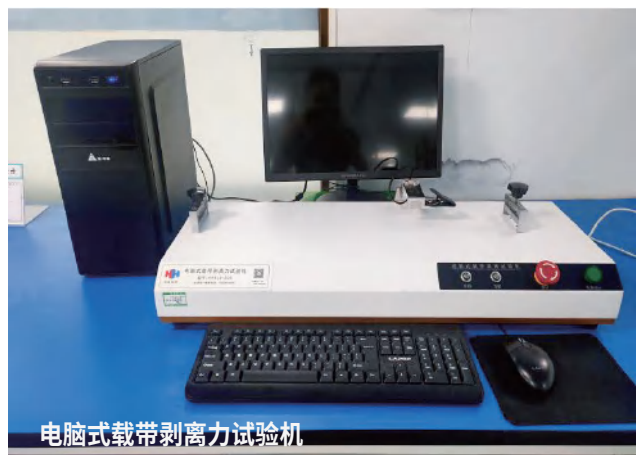


生产车间 >>
WORKSHOP STORAGE



检测设备 >>

TEST EQUIPMENT



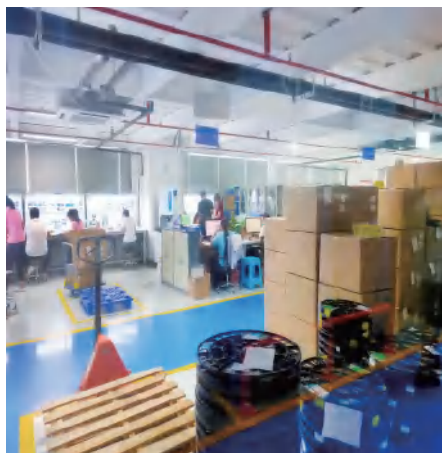
仓储实力 >>

WAREHOUSE STRENGTH



2020年万连科技新建智能物料仓储中心,实现自动化仓储、自动化分拣快速配送,仓储面积5000多平方米。

In 2020, Wanlian Technology built an intelligent material storage center, achieving automated warehousing, automated sorting, and fast delivery, with a storage area of over 5000 square meters.



万连料号与原厂料号对照索引			
万连系列	间距	原厂	原厂系列
A1002	1.00mm	JST	SH
A1006	1.00mm	JST	SHL
A1009	1.00mm	JST	NHB
A1010	1.00mm	JST	NSH 1.0
A1201	1.20mm	MX	78171
A1251	1.25mm	MX	53398
A1254	1.25mm	MX	53780
A1255	1.25mm	yeonho	12507
A1257	1.25mm	JST	GH
A1259	1.25mm	JST	GHD
A1501	1.50mm	JST	ZH
A1502	1.50mm	MX	87437
A1504	1.50mm	JST	ZE
A1505	1.50mm	MX	504050
A1515	1.50mm	MX	213225
A1521	1.50mm	JST	ZPD
A2001	2.00mm	JST	PH
A2002	2.00mm	JST	PA
A2006	2.00mm	JST	PHD
A2008	2.00mm	JST	HY
A2009	2.00mm	JST	PHB
A2010	2.00mm	AMP	292161
A2019	2.00mm	JST	PND
A2020	2.00mm	JST	PUD
A2023	2.00mm	MX	560020
A2036	2.00mm	MX	501645
A2039	2.00mm	MX	55917
A2040	2.00mm	MX	205338

万连料号与原厂料号对照索引			
万连系列	间距	原厂	原厂系列
A2501	2.50mm	JST	XH
A2502	2.50mm	JST	EH
A2504	2.50mm	JST	NH
A2508	2.50mm	JST	XA
A2509	2.50mm	JST	XHB
A2514	2.50mm	MX	105310、105308、105314
A2547	2.50mm	MX	CD-ROM
A2548	2.50mm	MX	90130
A2549	2.50mm	TE	TE-280370-2
A3503	3.50mm	MX	33012、172256、172258、172299
A3962	3.96mm	JST	VH
A3963	3.96mm	JST	CH
A5704	5.70mm	MX	200456、200241、171692、170001
A7925	7.92mm	HRS	DF22
B1501	1.50mm	JST	SZN
B2001	2.00mm	JST	SAN
B2512&B2513	2.50mm	JST	SCN
C2003	2.00mm	MX	51005
C2004	2.00mm	JST	JWPF
C2521	2.50mm	JST	SM
C3030	3.00mm	MX	43025
C4140	4.14mm	TE	1-770166-0~90-0、1-770743-0、1-770858-0~76-0、1-770971-0、1-794066-0~79-0、1-794180-1、1-794105-0~08-0、5-770170-0
C4201	4.20mm	MX	5557
C6351	6.35mm	MX	42021、42022、42024、42024
D0801	0.80mm	JST	SUR
F1006	1.00mm	HRS	FH12

连接器选型系列

Series	Descripton	page
A1002 Series	1.00mm Pitch Wire to Board Connectors	001-005
A1006 Series	1.00mm Pitch Wire to Board Connectors	006-008
A1009 Series	1.00mm Pitch Wire to Board Connectors	009-013
A1010 Series	1.00mm Pitch Wire to Board Connectors	014-016
A1201 Series	1.20mm Pitch Wire to Board Connectors	017-019
A1251 Series	1.25mm Pitch Wire to Board Connectors	020-026
A1254 Series	1.25mm Pitch Wire to Board Connectors	027-029
A1255 Series	1.25mm Pitch Wire to Board Connectors	030-032
A1257 Series	1.25mm Pitch Wire to Board Connectors	033-035
A1259 Series	1.25mm Pitch Wire to Board Connectors	036-038
A1501Series	1.50mm Pitch Wire to Board Connectors	039-046
A1502 Series	1.50mm Pitch Wire to Board Connectors	047-051
A1504 Series	1.50mm Pitch Wire to Board Connectors	052-054
A1505 Series	1.50mm Pitch Wire to Board Connectors	055-057
A1515 Series	1.50mm Pitch Wire to Board Connectors	058-061
A1521 Series	1.50mm Pitch Wire to Board Connectors	062-064
A2001 Series	2.00mm Pitch Wire to Board Connectors	065-071
A2002 Series	2.00mm Pitch Wire to Board Connectors	072-076
A2006 Series	2.00mm Pitch Wire to Board Connectors	077-083
A2008 Series	2.00mm Pitch Wire to Board Connectors	084-090
A2009 Series	2.00mm Pitch Wire to Board Connectors	091-098
A2010 Series	2.00mm Pitch Wire to Board Connectors	099-101
A2019 Series	2.00mm Pitch Wire to Board Connectors	102-104
A2020 Series	2.00mm Pitch Wire to Board Connectors	105-108
A2023 Series	2.00mm Pitch Wire to Board Connectors	109-111
A2036 Series	2.00mm Pitch Wire to Board Connectors	112-115

连接器选型系列

Series	Descripton	page
A2039 Series	2.00mm Pitch Wire to Board Connectors	116-119
A2040 Series	2.00mm Pitch Wire to Board Connectors	120-122
A2501 Series	2.50mm Pitch Wire to Board Connectors	123-128
A2502 Series	2.50mm Pitch Wire to Board Connectors	129-131
A2504 Series	2.50mm Pitch Wire to Board Connectors	132-134
A2508 Series	2.50mm Pitch Wire to Board Connectors	135-139
A2509 Series	2.50mm Pitch Wire to Board Connectors	140-144
A2514 Series	2.50mm Pitch Wire to Board Connectors	145-149
A2547 Series	2.54mm Pitch Wire to Board Connectors	150-156
A2548 Series	2.54mm Pitch Wire to Board Connectors	157-160
A2549 Series	2.54mm Pitch Wire to Board Connectors	161-166
A3503 Series	3.50mm Pitch Wire to Board Connectors	167-171
A3962 Series	3.96mm Pitch Wire to Board Connectors	172-177
A3963 Series	3.96mm Pitch Wire to Board Connectors	178-181
A5704 Series	5.70mm Pitch Wire to Board Connectors	182-187
A7925 Series	7.92mm Pitch Wire to Board Connectors	188-190
B0501 Series	0.50mm Pitch Board to Board Connectors	191-192
B0501AV&B0501WV Series	0.50mm Pitch Board to Board Connectors	193-195
B0502 Series	0.50mm Pitch Board to Board Connectors	196-197
B0801 Series	0.80mm Pitch Board to Board Connectors	198-199
B0802 Series	0.80mm Pitch Board to Board Connectors	200-201
B0802FV&B0802AV Series	0.80mm Pitch Board to Board Connectors	202-203
B0804 Series	0.80mm Pitch Board to Board Connectors	204-205
B0805 Series	0.80mm Pitch Board to Board Connectors	206-207
B0806 Series	0.80mm Pitch Board to Board Connectors	208-209
B1001 Series	1.00mm Pitch Board to Board Connectors	210-212

连接器选型系列

Series	Descripiton	page
B1501 Series	1.50mm Pitch Board to Board Connectors	213-215
B2001 Series	2.00mm Pitch Board to Board Connectors	216-218
B2512&B2513 Series	2.50mm Pitch Board to Board Connectors	219-221
C2003 Series	2.00mm Pitch Wire to Wire Connectors	222-224
C2004 Series	2.00mm Pitch Wire to Wire Connectors	225-228
C2521 Series	2.50mm Pitch Wire to Wire Connectors	229-231
C3030 Series	3.00mm Pitch Wire to Wire Connectors	232-252
C4140 Series	4.14mm Pitch Wire to Wire Connectors	253-261
C4201 Series	4.20mm Pitch Wire to Wire Connectors	262-278
C6351 Series	6.35mm Pitch Wire to Wire Connectors	279-283
D0801 Series	0.80mm Pitch Pierced Type Connectors	284-288
F0301 Series	0.30mm Pitch FPC/FFC Connectors	289-290
F0303 Series	0.30mm Pitch FPC/FFC Connectors	291-292
F0501Series	0.50mm Pitch FPC/FFC Connectors	293-300
F0502 Series	0.50mm Pitch FPC/FFC Connectors	301-302
F0503 Series	0.50mm Pitch FPC/FFC Connectors	303-304
F0505 Series	0.50mm Pitch FPC/FFC Connectors	305-308
F0506 Series	0.50mm Pitch FPC/FFC Connectors	309-310
F0507 Series	0.50mm Pitch FPC/FFC Connectors	311-312
F0801 Series	0.80mm Pitch FPC/FFC Connectors	313-314
F1001 Series	1.00mm Pitch FPC/FFC Connectors	315-316
F1003 Series	1.00mm Pitch FPC/FFC Connectors	317-320
F1004 Series	1.00mm Pitch FPC/FFC Connectors	321-322
F1005 Series	1.00mm Pitch FPC/FFC Connectors	323-330
F1006 Series	1.00mm Pitch FPC/FFC Connectors	331-332
F1007 Series	1.00mm Pitch FPC/FFC Connectors	333-334

连接器选型系列

Series	Descripiton	page
F1008 Series	1.00mm Pitch FPC/FFC Connectors	335-336
F1009 Series	1.00mm Pitch FPC/FFC Connectors	337-338
F1010 Series	1.00mm Pitch FPC/FFC Connectors	339-340
F1011 Series	1.00mm Pitch FPC/FFC Connectors	341-342
F1251 Series	1.25mm Pitch FPC/FFC Connectors	343-346
PH1007 Series	1.00mm Pitch Pin Header Connectors	347-348
FH1007 Series	1.00mm Pitch Female Header Connectors	349-350
PH1276 Series	1.27mm Pitch Pin Header Connectors	351-353
FH1276 Series	1.27mm Pitch Female Header Connectors	354-358
PH2005Series	2.00mm Pitch Pin Header Connectors	359-367
FH2005Series	2.00mm Pitch Female Header Connectors	368-372
PH2541 Series	2.54mm Pitch Pin Header Connectors	373-380
FH2541 Series	2.54mm Pitch Female Header Connectors	381-384
PH3961 Series	3.96mm Pitch Pin Header Connectors	385-386
PH4201 Series	4.20mm Pitch Pin Header Connectors	387-387
PH5081 Series	5.08mm Pitch Pin Header Connectors	388-388
FH5081 Serie	5.08mm Pitch Female Header Connectors	389-389
BH2075 Series	2.00mm Pitch Box Header Connectors	390-391
EJ2075 Series	2.00mm Pitch Ejector Header Connectors	392-393
D2075 Series	2.00mm Pitch IDC Connectors	394-394
BH2553 Series	2.50mm Pitch Box Header Connectors	395-396
EJ2553 Series	2.50mm Pitch Ejector Header Connectors	397-398
D2553 Series	2.50mm Pitch IDC Connectors	399-399

产品系列 >>
PRODUCT LINE

A1002 Series001-005	A1006 Series006-008	A1009 Series009-013
A1010 Series014-016	A1201 Series017-019	A1251 Series020-026
A1254 Series027-029	A1255 Series030-032	A1257 Series033-035
A1259 Series036-038	A1501 Series039-046	A1502 Series047-051
A1504 Series052-054	A1505 Series055-057	A1515 Series058-061
A1521 Series062-064	A2001 Series065-071	A2002 Series072-076

产品系列 >>
PRODUCT LINE

A2006 Series077-083	A2008 Series084-090	A2009 Series091-098
A2010 Series099-101	A2019 Series102-104	A2020 Series105-108
A2023 Series109-111	A2036 Series112-115	A2039 Series116-119
A2040 Series120-122	A2501 Series123-128	A2502 Series129-131
A2504 Series132-134	A2508 Series135-139	A2509 Series140-144
A2514 Series145-149	A2547 Series150-156	A2548 Series157-160

产品系列 >>

PRODUCT LINE

A2549 Series161-166	A3503 Series167-171	A3962 Series172-177
A3963 Series178-181	A5704 Series182-187	A7925 Series188-190
B0501 Series191-192	B0501AV&B0501WV Series193-195	B0502 Series196-197
B0801 Series198-199	B0802 Series200-201	B0802FV&B0802AV Series202-203
B0804 Series204-205	B0805 Series206-207	B0806 Series208-209
B1001 Series210-212	B1501 Series213-215	B2001 Series216-218

产品系列 >>

PRODUCT LINE

B2512&B2513 Series219-221	C2003 Series222-224	C2004 Series225-228
C2521 Series229-231	C3030 Series232-252	C4140 Series253-261
C4201 Series262-278	C6351 Series279-283	D0801 Series284-288
F0301Series289-290	F0303 Series291-292	F0501 Series293-300
F0502 Series301-302	F0503 Series303-304	F0505 Series305-308
F0506 Series309-310	F0507 Series311-312	F0801 Series313-314

产品系列 >>

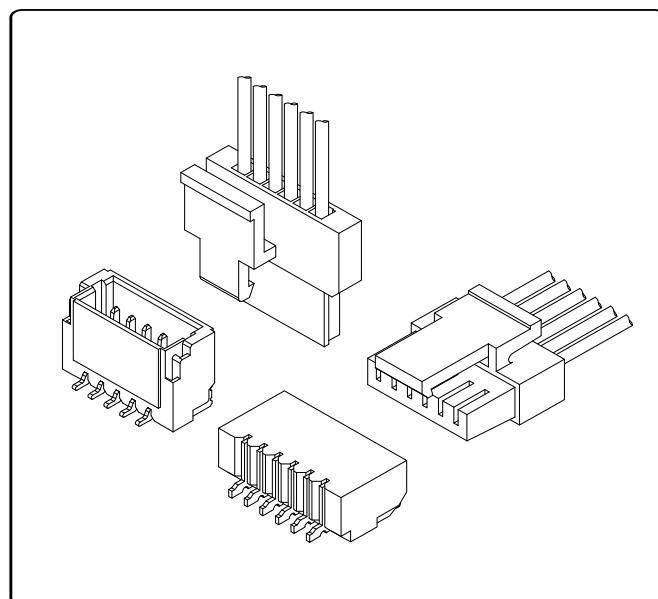
PRODUCT LINE

F1001 Series315-316	F1003 Series317-320	F1004 Series321-322
F1005 Series323-330	F1006 Series331-332	F1007 Series333-334
F1008 Series335-336	F1009 Series337-338	F1010 Series339-340
F1011 Series341-342	F1251 Series343-346	PH1007 Series347-348
FH1007 Series349-350	PH1276 Series351-353	FH1276 Series354-358
PH2005 Series359-367	FH2005 Series368-372	PH2541 Series373-380

产品系列 >>

PRODUCT LINE

FH2541 Series381-384	PH3961 Series385-386	PH4201 Series387-387
PH5081 Series388-388	FH5081 Series389-389	BH2075 Series390-391
EJ2075 Series392-393	D2075 Series394-394	BH2553Series395-396
EJ2553 Series397-398	D2553 Series399-399	

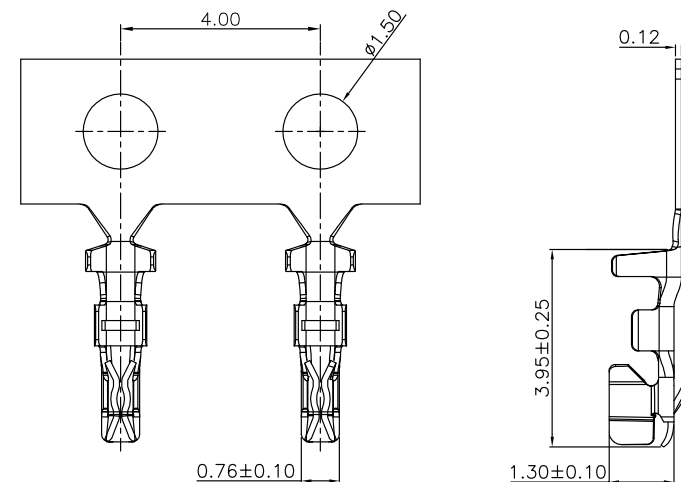


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 1A
Contact resistance: 20mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

A1002TFX-X

Pitch 1.00mm Terminal

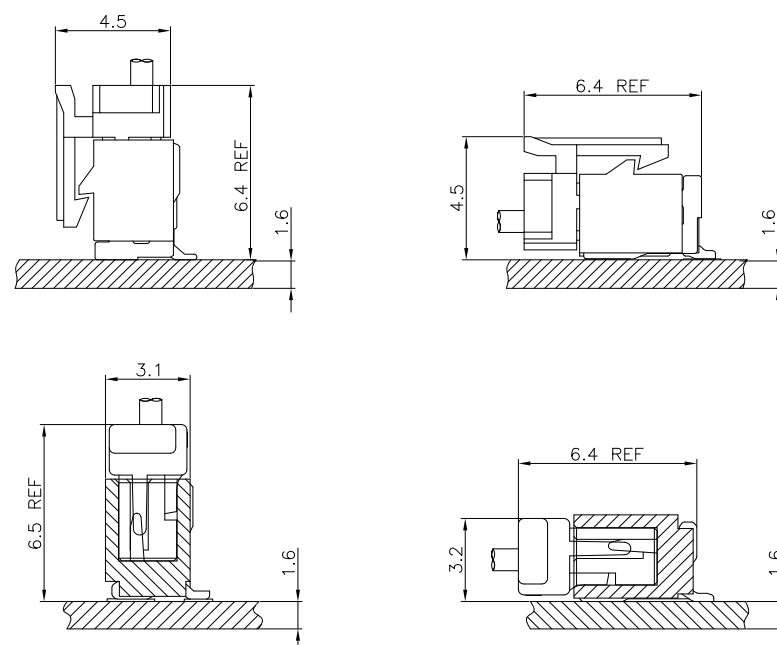


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #28 - #32
SUITABLE A1002 series housing
SERIES NO: A1002 T F X-X
CONNECTOR: 1-G/F
T-TERMINAL
MALE FEMALE: P-PHOSPHOR BRONZE
F-FEMALE
M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
H-ALL-AU 15U"
METAL:
P-PHOSPHOR BRONZE
B-BRASS

Assembly layout

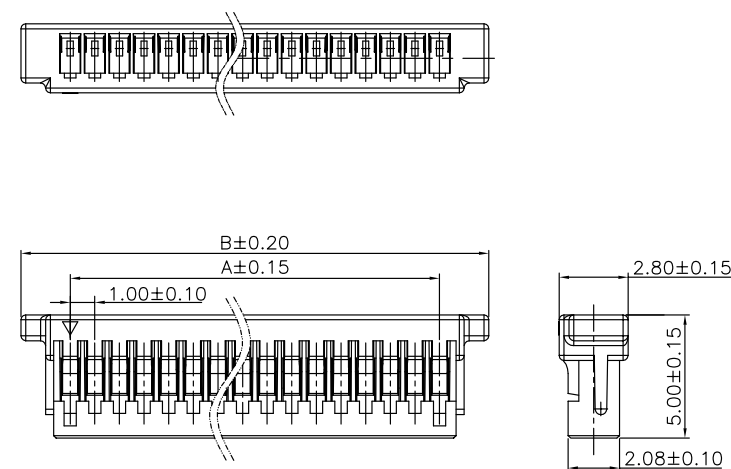
wire to board



SMT Type

A1002HM-1XXX0

Pitch 1.00mm Single row Housing



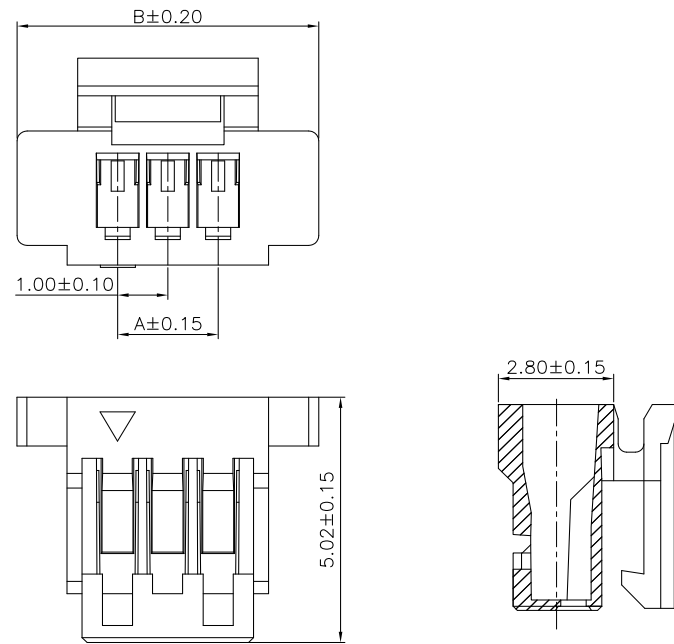
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable A1002 series Terminal
Mates With A1002 series Wafer
SERIES NO: A1002 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK
K-WHITE
PIN Q' PY: 02~20
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.00	12	11.00	15.00
03	2.00	6.00	13	12.00	16.00
04	3.00	7.00	14	13.00	17.00
05	4.00	8.00	15	14.00	18.00
06	5.00	9.00	16	15.00	19.00
07	6.00	10.00	17	16.00	20.00
08	7.00	11.00	18	17.00	21.00
09	8.00	12.00	19	18.00	22.00
10	9.00	13.00	20	19.00	23.00
11	10.00	14.00			

A1002H1M-1XXX0

Pitch 1.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

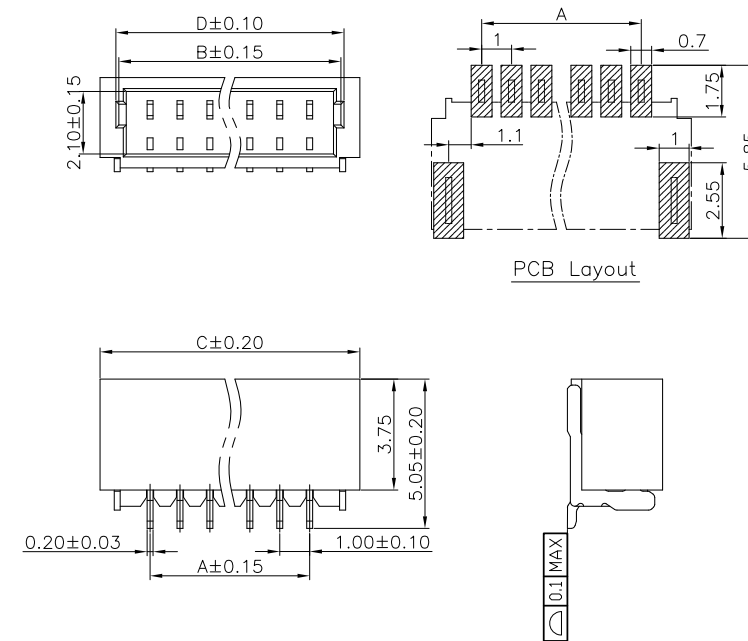
Suitable A1002 series Terminal
Mates With A1002 series Wafer

SERIES NO: A1002 H 1 M-1 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: A1002 H 1 M-1 XX X 0
COLOR: A-BLACK K-WHITE
PIN Q'PY: 02~12
ROW NO: 1-SINGLE ROW
MALE FEMALE: M-MALE F-FEMALE

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.00	08	7.00	11.00
03	2.00	6.00	09	8.00	12.00
04	3.00	7.00	10	9.00	13.00
05	4.00	8.00	11	10.00	14.00
06	5.00	9.00	12	11.00	15.00
07	6.00	10.00			

A1002W9-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

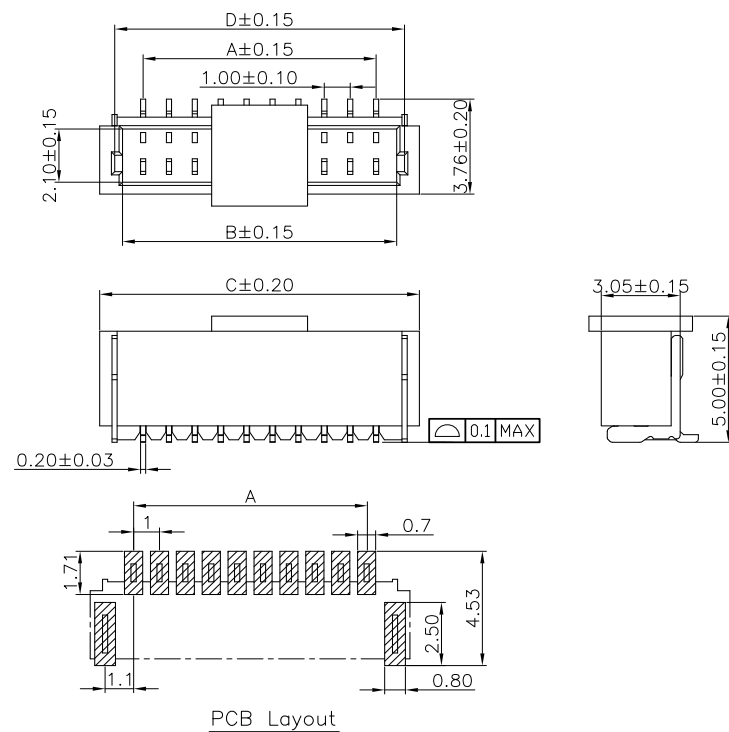
Mates with A1002 series housing

SERIES NO: A1002 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	2.5	4.3	3.2	12	11.0	12.6	14.3	13.2
03	2.0	3.6	5.3	4.2	13	12.0	13.6	15.3	14.2
04	3.0	4.5	6.3	5.2	14	13.0	14.6	16.3	15.2
05	4.0	5.5	7.3	6.2	15	14.0	15.6	17.3	16.2
06	5.0	6.5	8.3	7.2	16	15.0	16.6	18.3	17.2
07	6.0	7.6	9.3	8.2	17	16.0	17.6	19.3	18.2
08	7.0	8.5	10.3	9.2	18	17.0	18.6	20.3	19.2
09	8.0	9.6	11.3	10.2	19	18.0	19.6	21.3	20.2
10	9.0	10.6	12.3	11.2	20	19.0	20.6	22.3	21.2
11	10.0	11.6	13.3	12.2					

A1002W0-1XX2XX0

Pitch 1.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

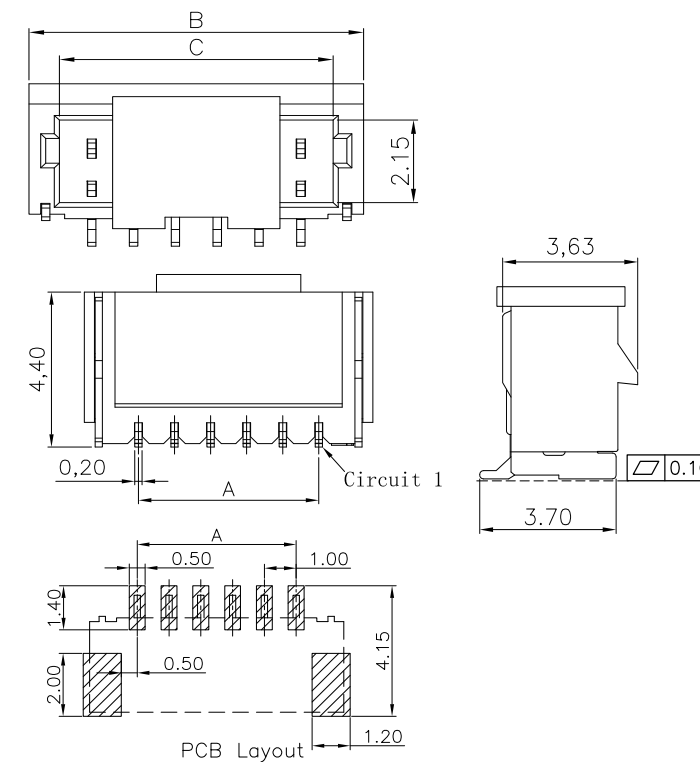
Mates with A1002 series housing

SERIES NO: A1002 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	2.5	4.3	3.2	12	11.0	12.6	14.3	13.2
03	2.0	3.6	5.3	4.2	13	12.0	13.6	15.3	14.2
04	3.0	4.5	6.3	5.2	14	13.0	14.6	16.3	15.2
05	4.0	5.5	7.3	6.2	15	14.0	15.6	17.3	16.2
06	5.0	6.5	8.3	7.2	16	15.0	16.6	18.3	17.2
07	6.0	7.6	9.3	8.2	17	16.0	17.6	19.3	18.2
08	7.0	8.5	10.3	9.2	18	17.0	18.6	20.3	19.2
09	8.0	9.6	11.3	10.2	19	18.0	19.6	21.3	20.2
10	9.0	10.6	12.3	11.2	20	19.0	20.6	22.3	21.2
11	10.0	11.6	13.3	12.2					

A1002W01-1XX2XX0

Pitch 1.00mm 180° Single row SMT Wafer



Specifications

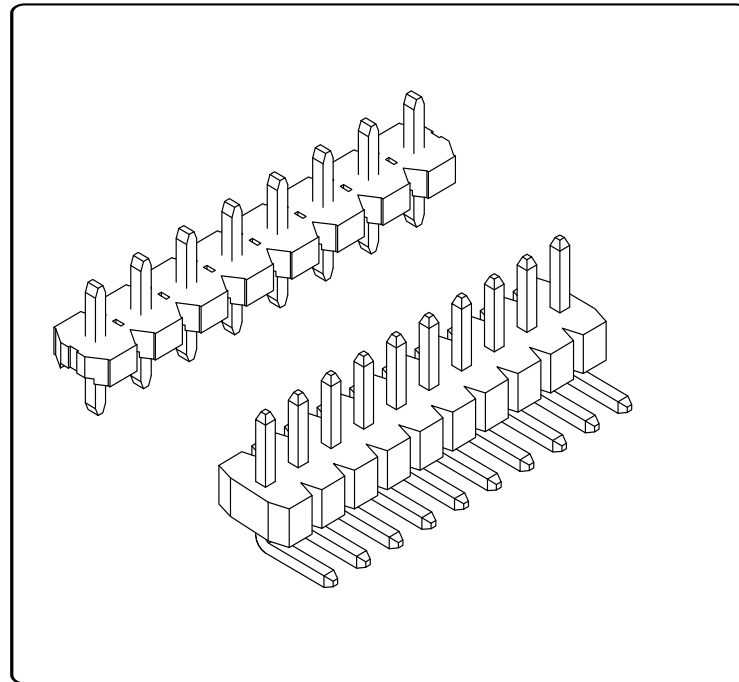
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte Tin

Mates with A1002 series housing

SERIES NO: A1002 W 0 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE Tin
TERMIPOINT: 2-SMT
PIN Q'PY: 02~20

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	---	4.00	2.45	12	11.00	14.00	12.45
03	2.00	5.00	3.45	13	12.00	15.00	13.45
04	3.00	6.00	4.45	14	13.00	16.00	14.45
05	4.00	7.00	5.45	15	14.00	17.00	15.45
06	5.00	8.00	6.45	16	15.00	18.00	16.45
07	6.00	9.00	7.45	17	16.00	19.00	17.45
08	7.00	10.00	8.45	18	17.00	20.00	18.45
09	8.00	11.00	9.45	19	18.00	21.00	19.45
10	9.00	12.00	10.45	20	19.00	22.00	20.45
11	10.00	13.00	11.45				



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 7A

Contact resistance: $20\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 800V AC

Material Specification:

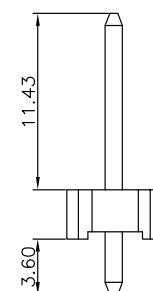
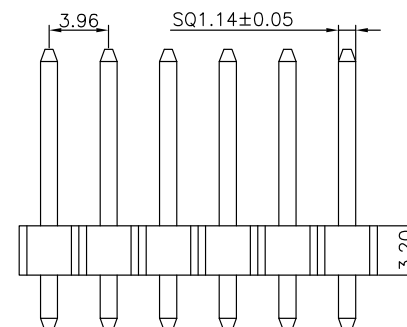
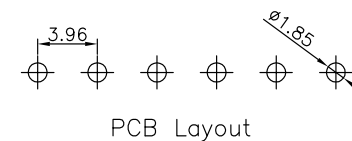
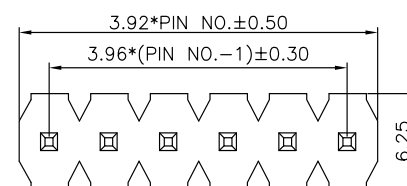
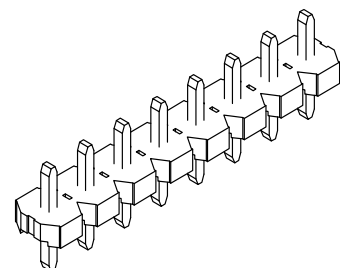
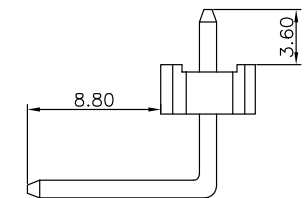
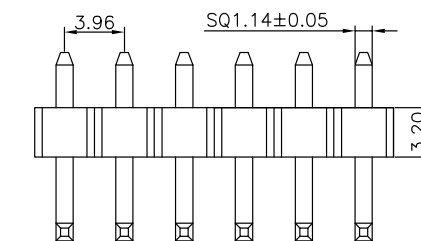
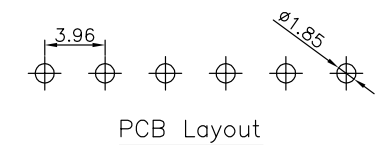
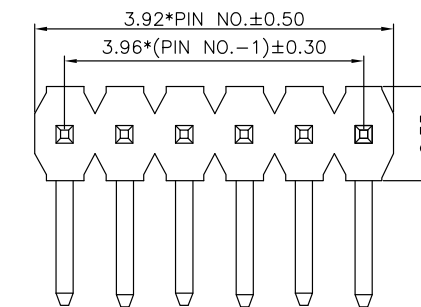
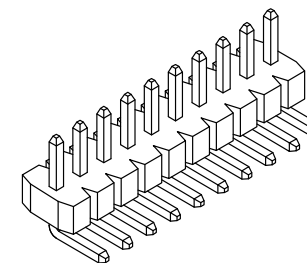
Housing: Thermoplastic, UL94V-0

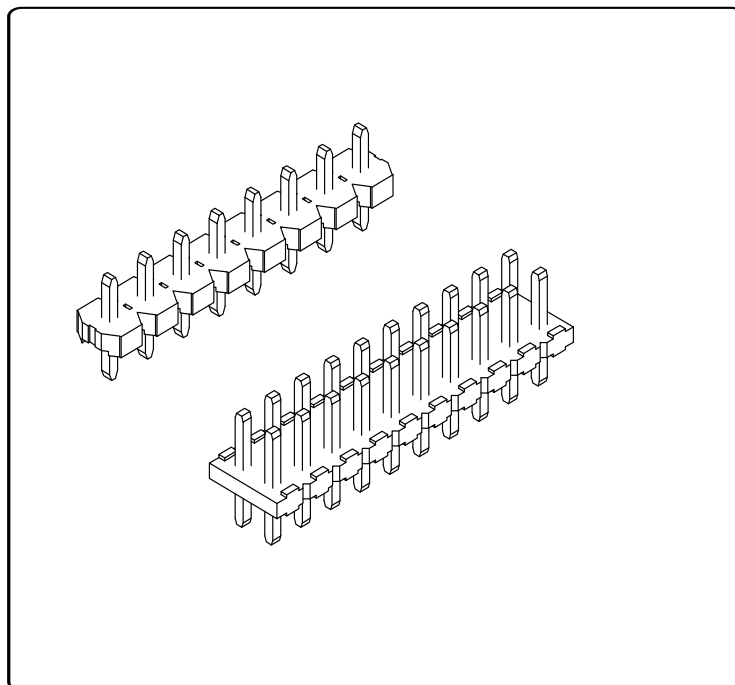
Terminal: Copper Alloy

Plating Specification: All Au G/F

PH3961 XX M 0-X XX 1 X X X
 SERIES NO: HOUSING: THERMOPLASTIC
 HEIGHT: See Dim Table COLOR: A-BLACK
 See Dim Table 32-(H=3.2mm)

 MALE FEMALE: PLATING: A-ALL AU G/F
 M-MALE
 ANGLE: TERMIPOINT: 1-DIP 2-SMT
 0-180°
 9-90°
 ROW NO: PIN Q' PY: 02~20
 1-SINGLE ROW
 2-DOUBLE ROW





Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 7A

Contact resistance: $10\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 800V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

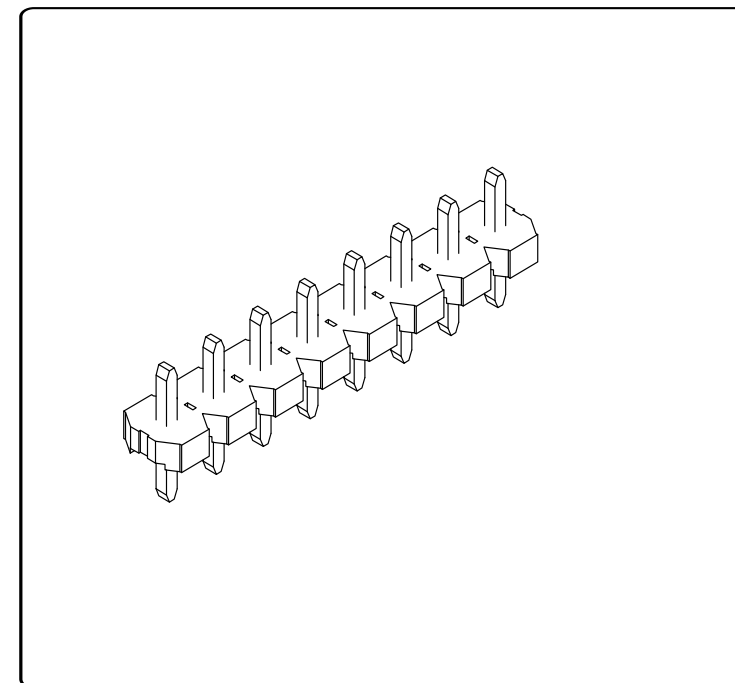
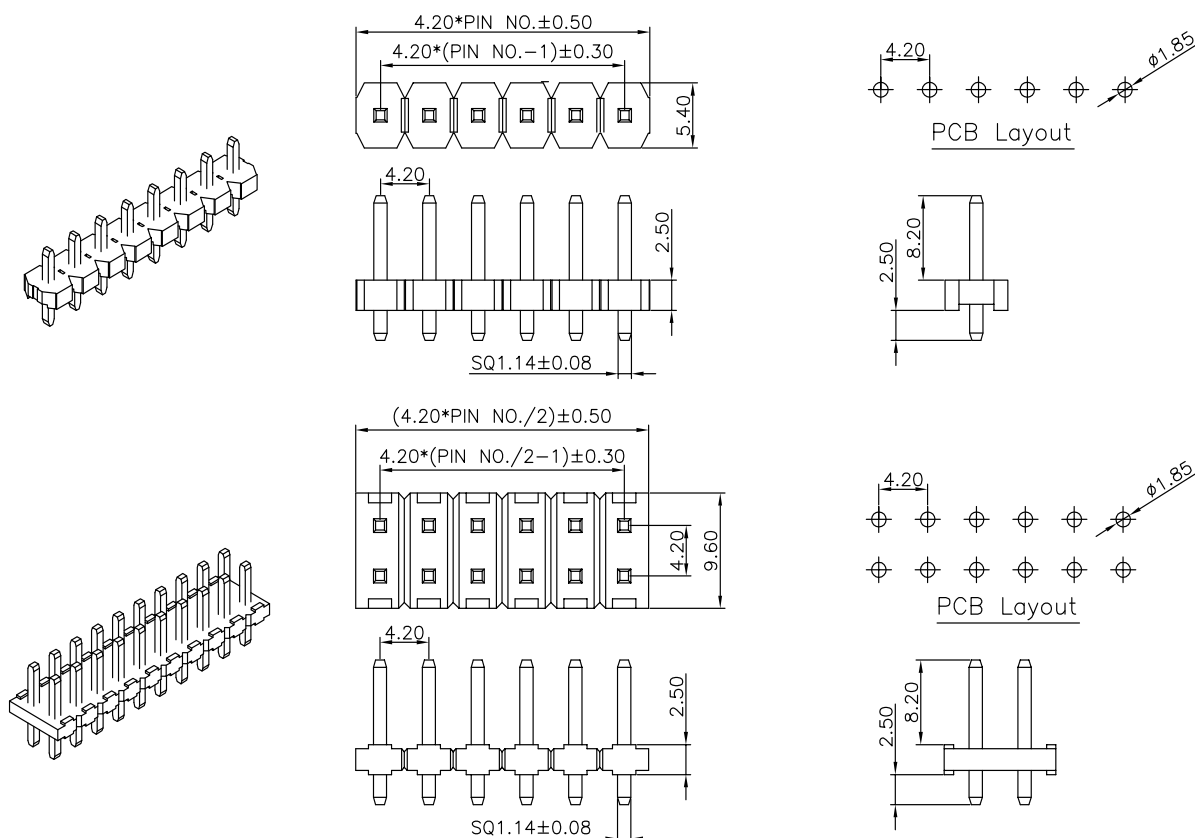
Terminal: Copper Alloy

Plating Specification: All Au G/F

PH4201 XX M 0-X XX 1 X X X
 SERIES NO: HOUSING: THERMOPLASTIC
 HEIGHT: See Dim Table 25-(H=2.5mm) COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 MALE FEMALE: M-MALE TERMPOINT: 1-DIP 2-SMT
 ANGLE: 0-180° 9-90° PIN Q'PY: 02~20
 ROW NO: 1-SINGLE ROW 2-DOUBLE ROW

PH4201 SERIES

Pitch 4.20mm DIP Straight Type 1&2 row Pin Header



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 7A

Contact resistance: $20\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 800V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

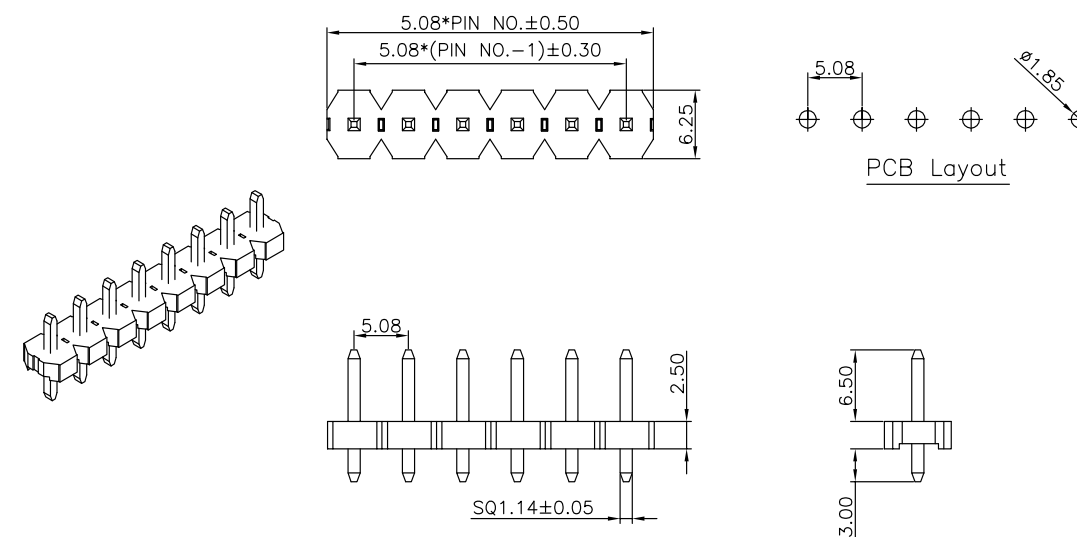
Terminal: Copper Alloy

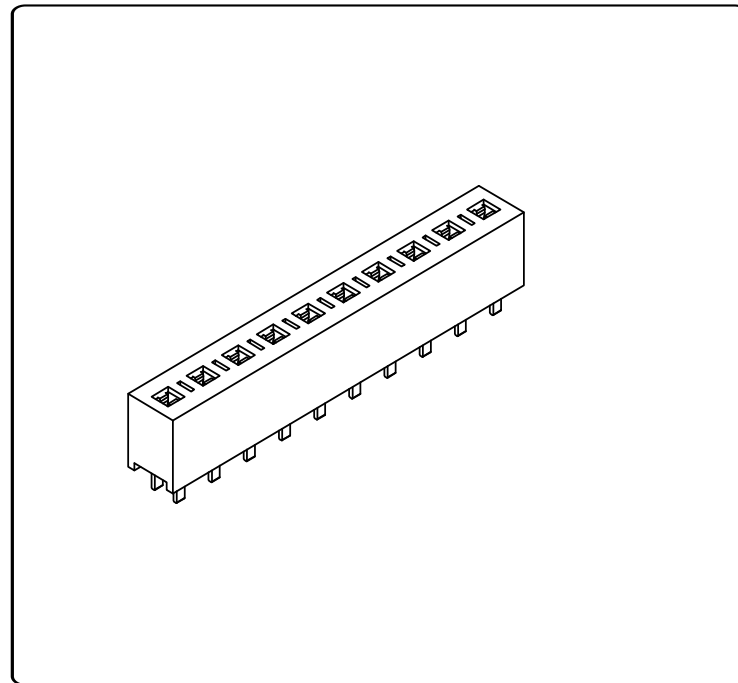
Plating Specification: All Au G/F

PH5081 XX M 0-X XX 1 X X X
 SERIES NO: HOUSING: THERMOPLASTIC
 HEIGHT: See Dim Table 20-(H=2.0mm) COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 MALE FEMALE: M-MALE TERMPOINT: 1-DIP 2-SMT
 ANGLE: 0-180° 9-90° PIN Q'PY: 02~20
 ROW NO: 1-SINGLE ROW 2-DOUBLE ROW

PH5081 SERIES

Pitch 5.08mm DIP Straight Type 1 row Pin Header





Specifications

Temperature range: -40°C~+105°C

Current rating: 7A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 800V AC

Material Specification:

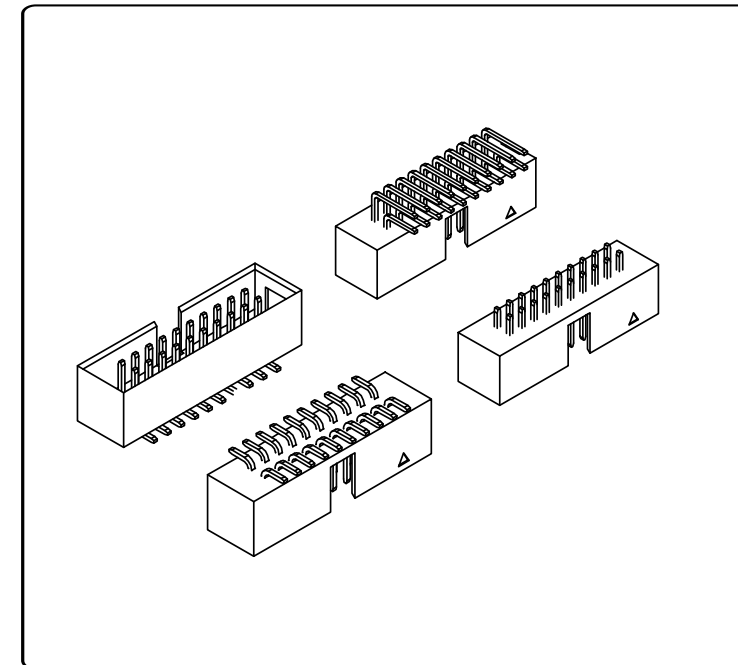
Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: FH5081 XX F 0-X XX 1 X X X
 HEIGHT: See Dim Table 20-(H=2.0mm)

 MALE FEMALE: F-FEMALE
 ANGLE: 0-180° 9-90°
 ROW NO: 1-SINGLE ROW 2-DOUBLE ROW
 HOUSING: THERMOPLASTIC
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP 2-SMT
 PIN Q'PY: 02~20



Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

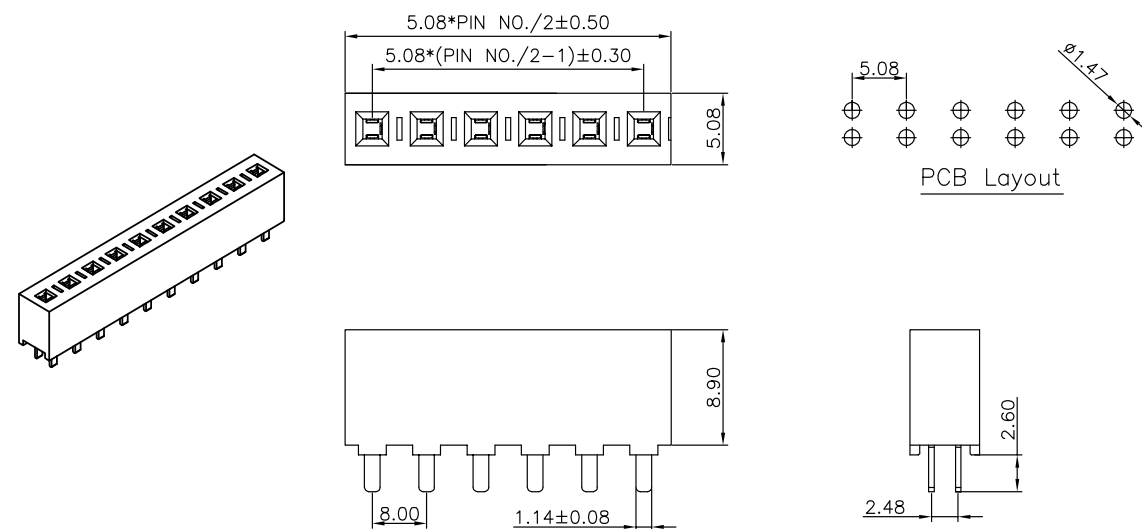
Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: BH2075 F X-2 XX X X X
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180° 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP 2-SMT
 PIN Q'PY: 06~64

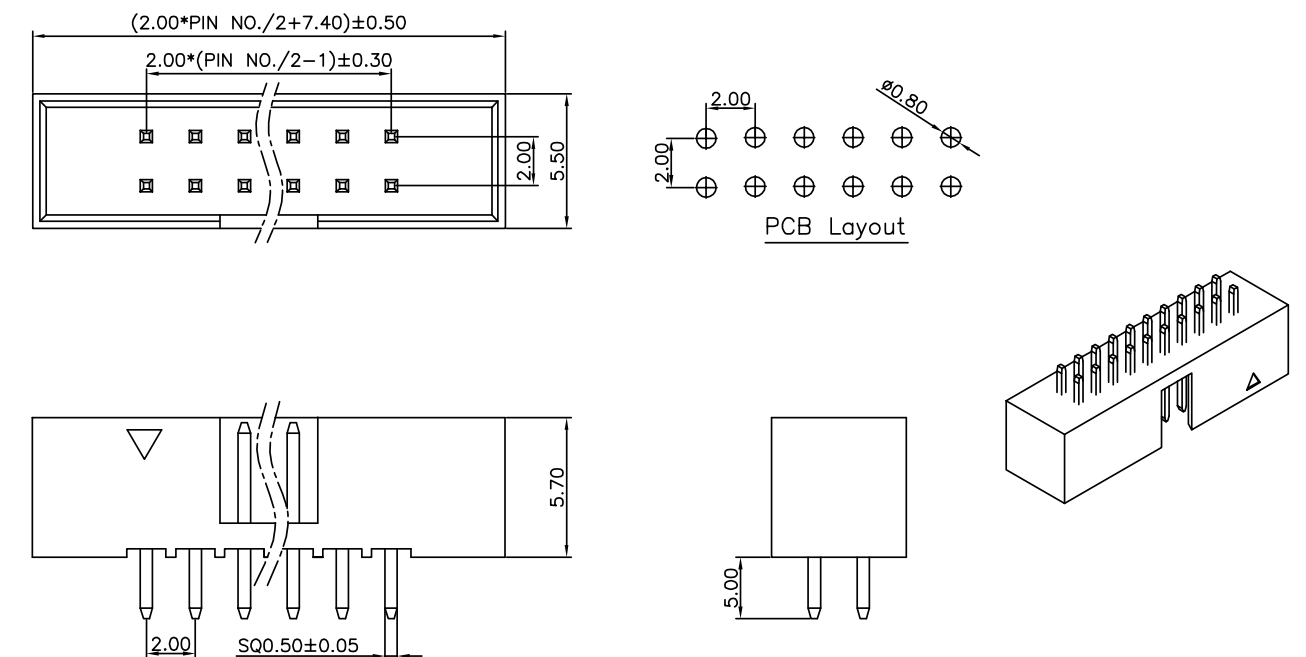
FH5081 SERIES

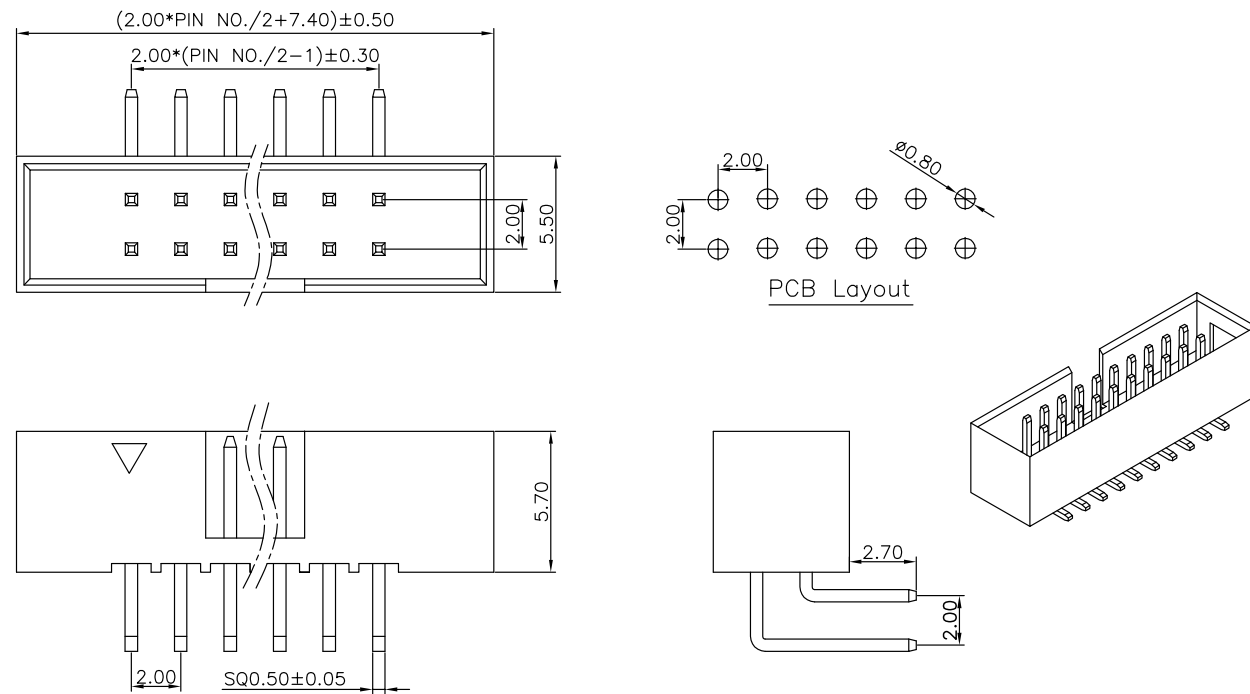
Pitch 5.08mm DIP Straight Type 2 row Female Header



BH2075 SERIES

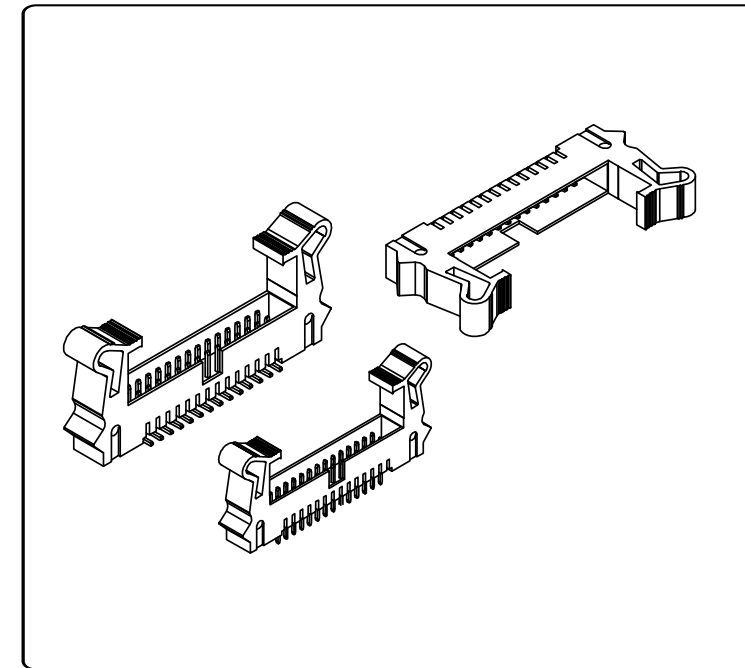
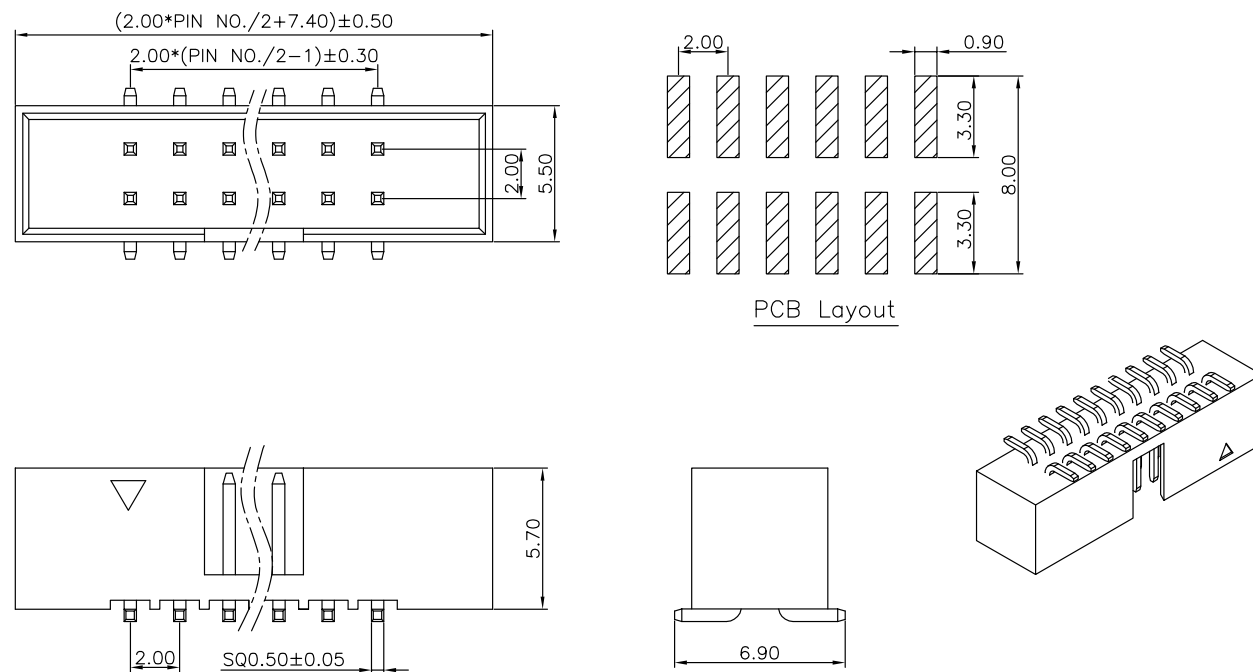
Pitch 2.00mm DIP Straight Type 2 row Box Header





BH2075 SERIES

Pitch 2.00mm SMT Straight Type 2 row Box Header



Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

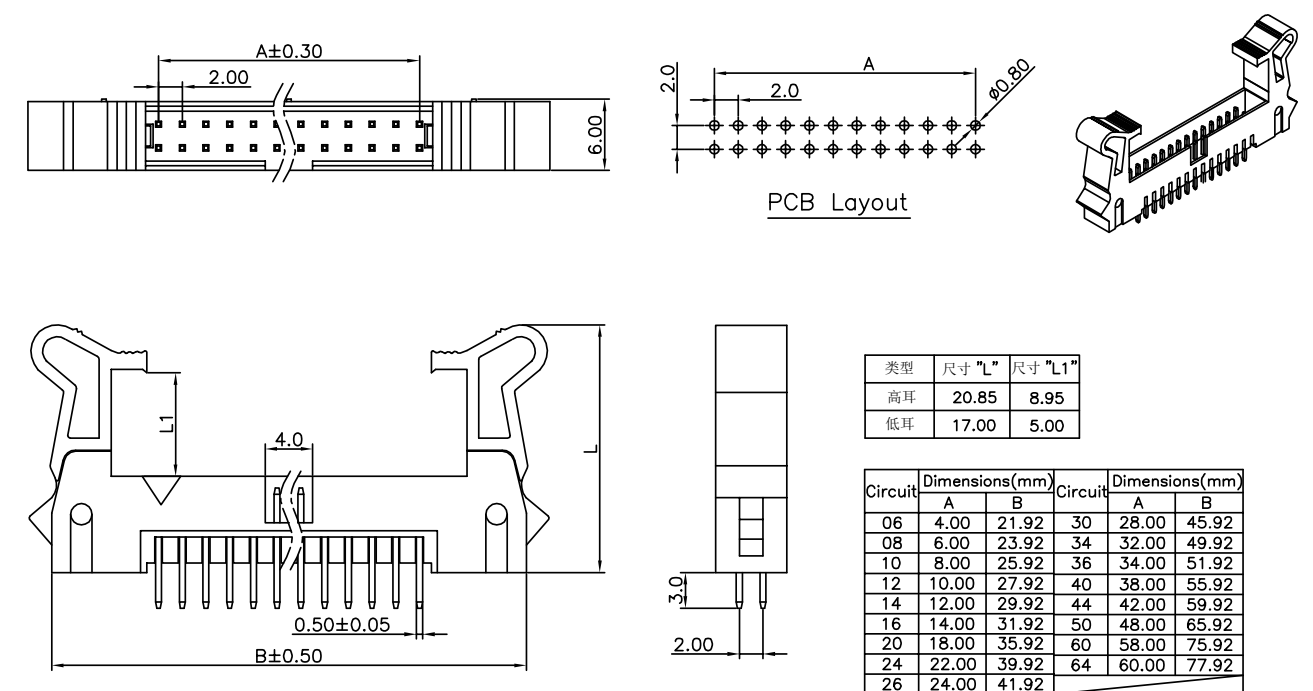
Terminal: Copper Alloy

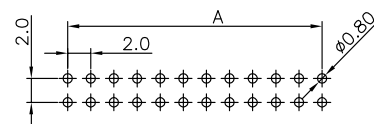
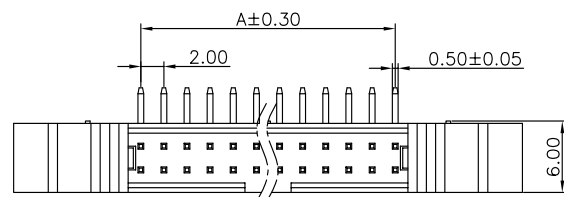
Plating Specification: All Au G/F

SERIES NO: EJ2075 F X-2 XX X X X
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP
 2-SMT
 PIN Q' PY: 06~64

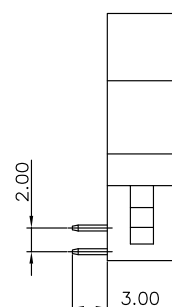
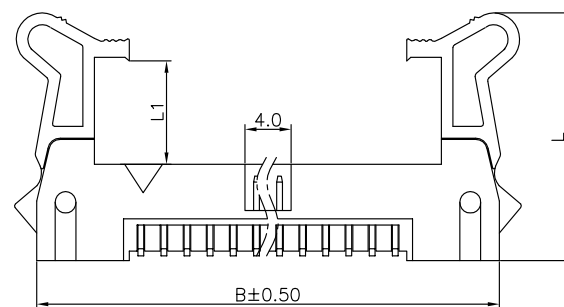
EJ2075 SERIES

Pitch 2.00mm DIP Straight Type 2 row Ejector Header





PCB Layout



类型	尺寸 "L"	尺寸 "L1"
高耳	20.85	8.95
低耳	17.00	5.00

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
06	4.00	21.92	30	28.00	45.92
08	6.00	23.92	34	32.00	49.92
10	8.00	25.92	36	34.00	51.92
12	10.00	27.92	40	38.00	55.92
14	12.00	29.92	44	42.00	59.92
16	14.00	31.92	50	48.00	65.92
20	18.00	35.92	60	58.00	75.92
24	22.00	39.92	64	60.00	77.92
26	24.00	41.92			

Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

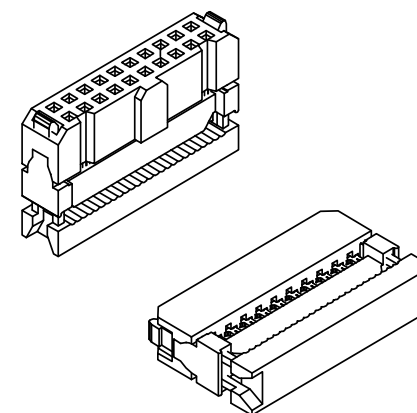
Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: G/F

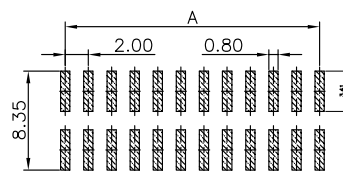
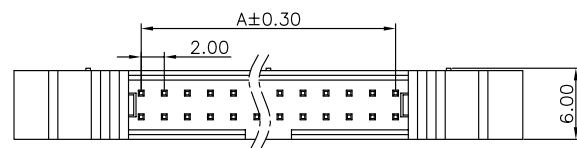


D20750 M X-2 XX 6 X X
 SERIES NO: _____
 MALE FEMALE: _____
 M-MALE _____
 ANGLE: _____
 9-90 _____
 0-180 _____
 ROW NO: _____
 2-DOUBLE ROW _____

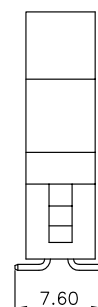
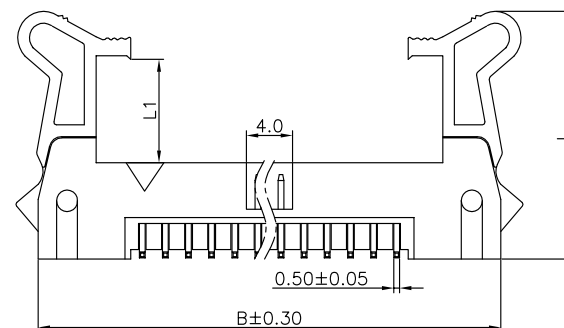
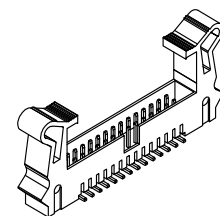
COLOR: A-BLACK
 PLATING: 1-G/F
 TERMIPOINT: 6-PUNCTURE TYPE
 PIN Q'PY: 06~64

EJ2075 SERIES

Pitch 2.00mm SMT Straight Type 2 row Ejector Header



PCB Layout

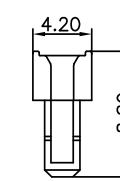
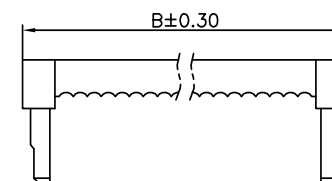


类型	尺寸 "L"	尺寸 "L1"
高耳	20.85	8.95
低耳	17.00	5.00

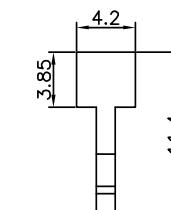
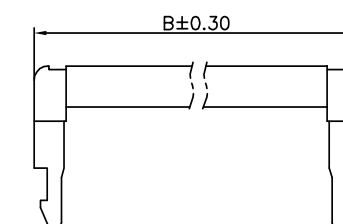
Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
06	4.00	21.92	30	28.00	45.92
08	6.00	23.92	34	32.00	49.92
10	8.00	25.92	36	34.00	51.92
12	10.00	27.92	40	38.00	55.92
14	12.00	29.92	44	42.00	59.92
16	14.00	31.92	50	48.00	65.92
20	18.00	35.92	60	58.00	75.92
24	22.00	39.92	64	60.00	77.92
26	24.00	41.92			

D2075 SERIES

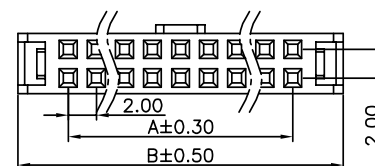
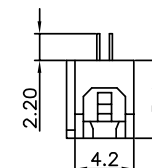
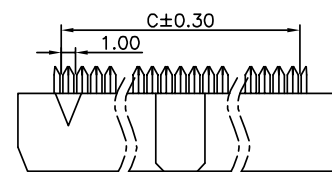
Pitch 2.00mm Puncture type Straight Type 2 row IDC



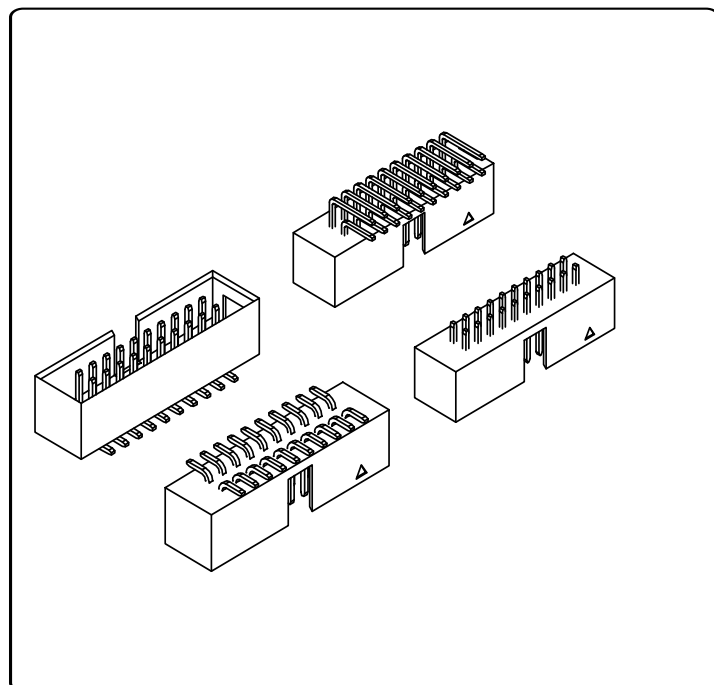
Two Piece Type



Three Piece Type



Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
06	4.00	11.40	5.00	28	26.00	33.40	27.00
08	6.00	13.40	7.00	30	28.00	35.40	29.00
10	8.00	15.40	9.00	32	30.00	37.40	31.00
12	10.00	17.40	11.00	34	32.00	39.40	33.00
14	12.00	19.40	13.00	36	34.00	41.40	35.00
16	14.00	21.40	15.00	40	38.00	45.40	39.00
18	16.00	23.40	17.00	44	42.00	49.40	43.00
20	18.00	25.40	19.00	50	48.00	55.40	49.00
22	20.00	27.40	21.00	60	58.00	65.40	59.00
24	22.00	29.40	23.00	64	62.00	69.40	63.00
26	24.00	31.40	25.00	68	66.00	73.40	67.00



Specifications

Temperature range: -40°C~+105°C

Current rating: 3A

Contact resistance: 30mΩ Max

Insulation resistance:1000M Ω Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic,UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: BH255

MALE FEMALE:—
F—FEMALE

ANGLE: -
0-180°

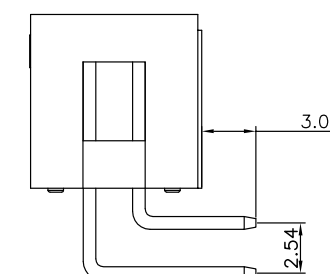
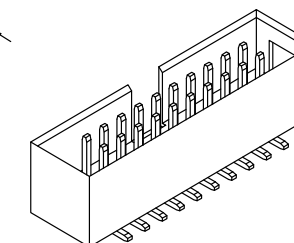
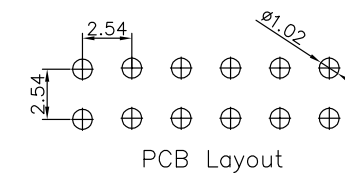
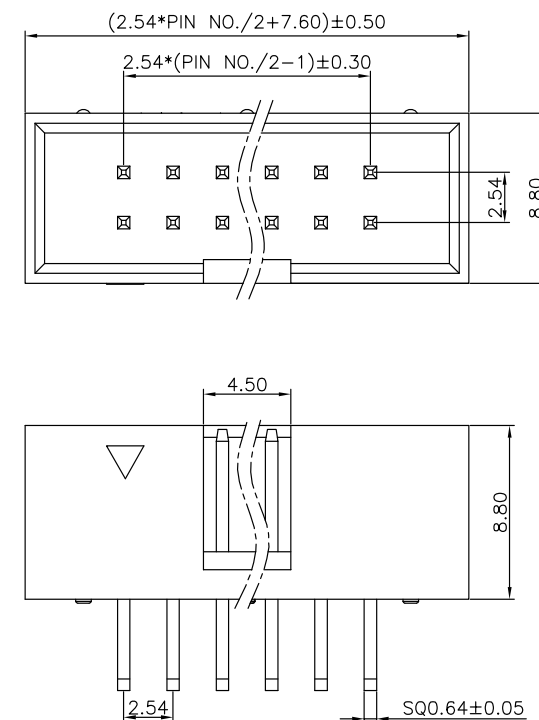
ROW NO:-
2-DOUBLE

—COLOR:
A-BLACK

—PLATING:
A—Al | Al

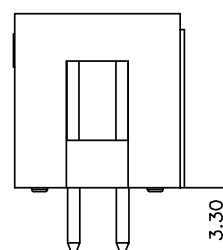
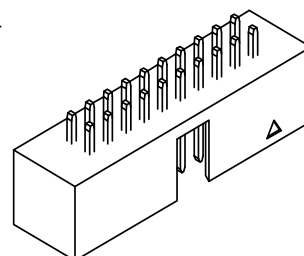
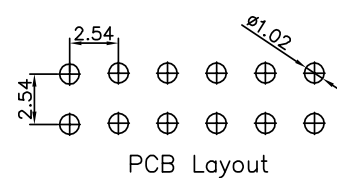
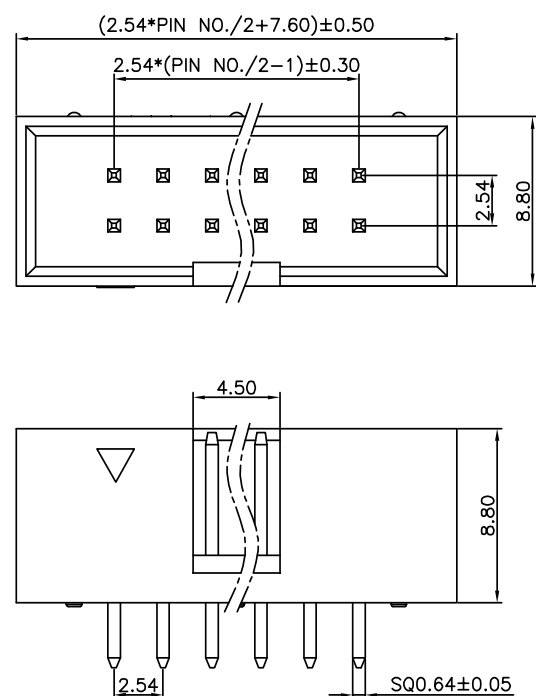
—TERMIPOINT:
1-DIP

—PIN Q' PY:
06~64



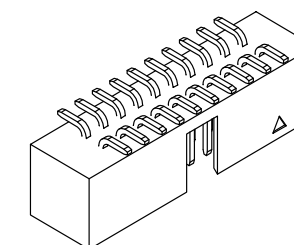
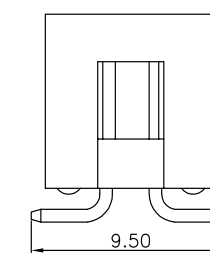
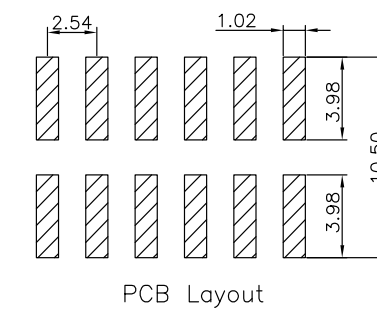
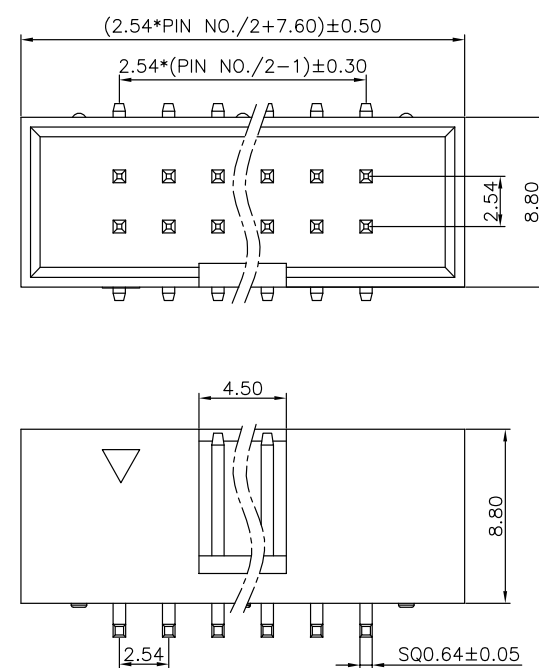
BH2553 SERIES

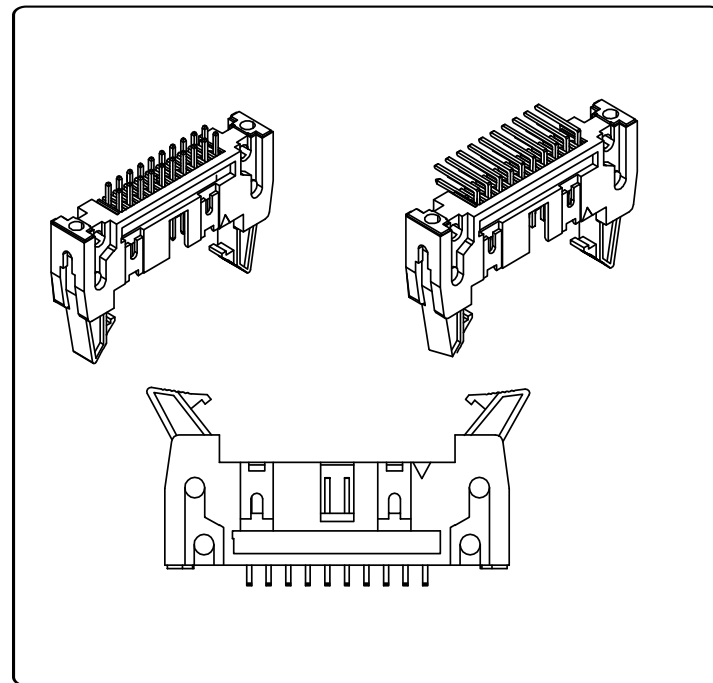
Pitch 2.54mm DIP Straight Type 2 row Box Header



BH2553 SERIES

Pitch 2.54mm SMT Straight Type 2 row Box Header





Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

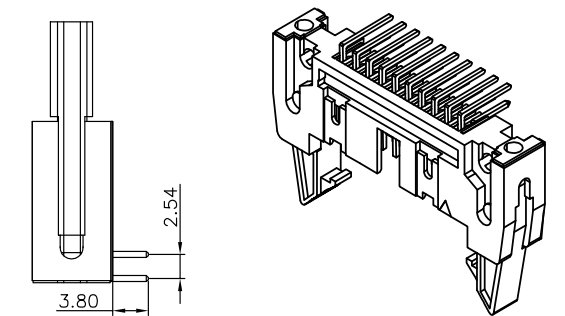
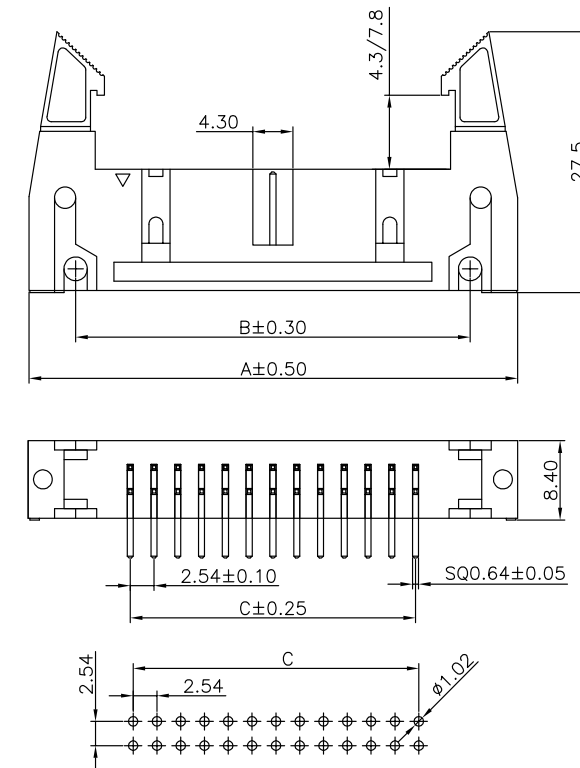
Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: EJ2553 F X-2 XX X X X
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP
 2-SMT
 PIN Q'PY: 06~64

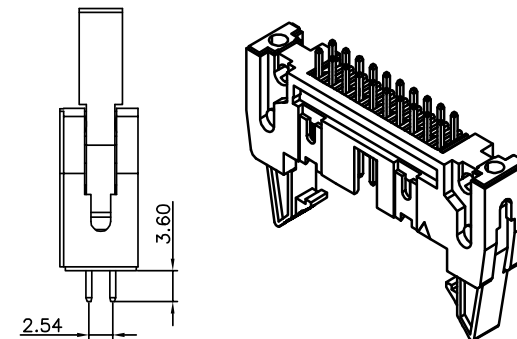
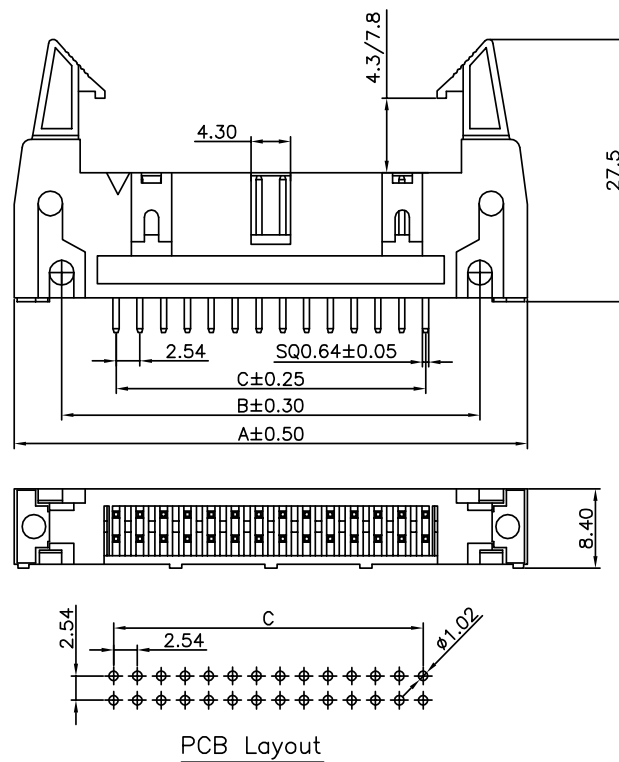


Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*2	24.38	14.22	2.54	2*18	65.02	54.86	43.18
2*3	26.92	16.76	5.08	2*19	67.56	57.40	45.72
2*4	29.46	19.30	7.62	2*20	70.10	59.94	48.26
2*5	32.00	21.84	10.16	2*21	72.64	62.48	50.80
2*6	34.54	24.38	12.70	2*22	75.18	65.02	53.34
2*7	37.08	26.92	15.24	2*23	77.72	67.56	55.88
2*8	39.62	29.46	17.78	2*24	80.26	70.10	58.42
2*9	42.16	32.00	20.32	2*25	82.80	72.64	60.96
2*10	44.70	34.54	22.86	2*26	85.34	75.18	63.50
2*11	47.24	37.08	25.40	2*27	87.88	77.72	66.04
2*12	49.78	39.62	27.94	2*28	90.42	80.26	68.58
2*13	52.32	42.16	30.48	2*29	92.96	82.80	71.12
2*14	54.86	44.70	32.02	2*30	95.50	85.34	73.66
2*15	57.40	47.24	35.56	2*31	98.04	87.88	76.20
2*16	59.94	49.78	38.10	2*32	100.58	90.42	78.74
2*17	62.48	52.32	40.64				

PCB Layout

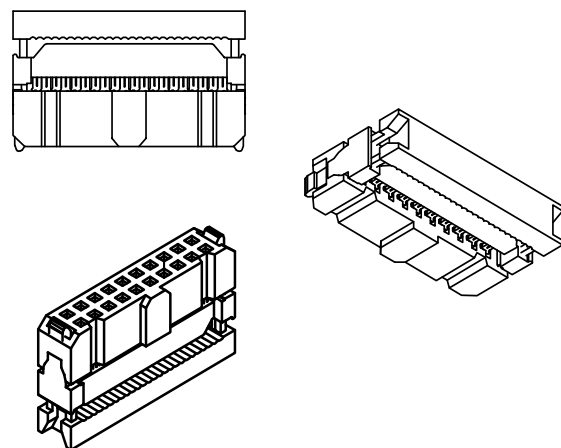
EJ2553 SERIES

Pitch 2.54mm DIP Straight Type 2 row Ejector Header



Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
2*03	26.92	16.76	5.08	2*18	65.02	54.86	43.18
2*04	29.46	19.30	7.62	2*19	67.56	57.40	45.72
2*05	32.00	21.84	10.16	2*20	70.10	59.94	48.26
2*06	34.54	24.38	12.70	2*21	72.64	62.48	50.80
2*07	37.08	26.92	15.24	2*22	75.18	65.02	53.34
2*08	39.62	29.46	17.78	2*23	77.72	67.56	55.88
2*09	42.16	32.00	20.32	2*24	80.26	70.10	58.42
2*10	44.70	34.54	22.86	2*25	82.80	72.64	60.96
2*11	47.24	37.08	25.40	2*26	85.34	75.18	63.50
2*12	49.78	39.62	27.94	2*27	87.88	77.72	66.04
2*13	52.32	42.16	30.48	2*28	90.42	80.26	68.58
2*14	54.86	44.70	32.02	2*29	92.96	82.80	71.12
2*15	57.40	47.24	35.56	2*30	95.50	85.34	73.66
2*16	59.94	49.78	38.10	2*31	98.04	87.88	76.20
2*17	62.48	52.32	40.64	2*32	100.58	90.42	78.74

PCB Layout



Specifications

Temperature range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Current rating: 3A

Contact resistance: 20mΩ Max

Insulation resistance:1000M Ω Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic,UL94V-0

Terminal: Copper Alloy

Plating Specification: G/F

D25530 M 0-2 XX 6 X X X
 SERIES NO: _____
 MALE FEMALE: _____
 M-MALE _____
 ANGLE: _____
 9-90 _____
 0-180 _____
 ROW NO: _____
 2-DOUBLE ROW _____
 COLOR: _____
 A-BLACK _____
 PLATING: _____
 1-G/F _____
 TERMPPOINT: _____
 6-PUNCTURE TYPE _____
 PIN Q' PY: _____
 06-64 _____

COLOR:
A-BLACK

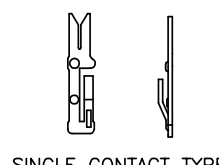
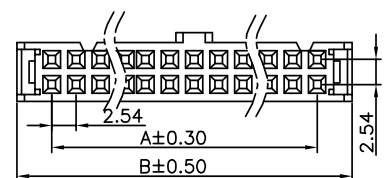
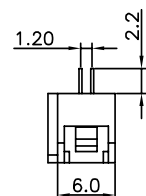
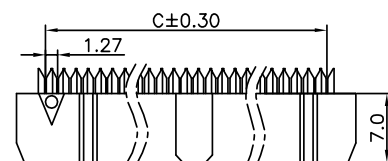
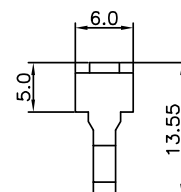
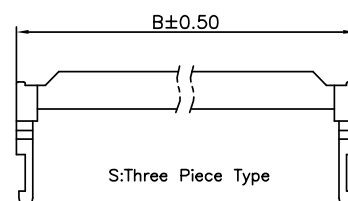
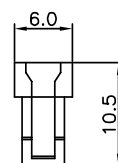
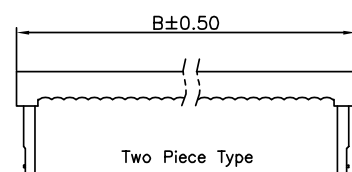
PLATING:
1-G/F

-TERMIPOINT:
6-PUNCTUR

-PIN Q' PY
06~64

D2553 SERIES

Pitch 2.54mm Puncture type Straight Type 2 row IDC



Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
06	5.08	12.32	6.35	28	33.02	40.26	34.29
08	7.62	14.86	8.89	30	35.56	42.80	36.83
10	10.16	17.40	11.43	32	38.10	45.34	39.37
12	12.70	19.94	13.97	34	40.64	47.88	41.91
14	15.24	22.48	16.51	36	43.18	50.42	44.45
16	17.78	25.02	19.05	40	48.26	55.50	49.53
18	20.32	27.56	21.59	44	53.34	60.58	54.61
20	22.86	30.10	24.13	50	60.96	68.20	62.23
22	25.40	32.64	26.67	60	73.66	80.90	74.93
24	27.94	35.18	29.21	64	78.74	85.98	80.01
26	30.48	37.72	31.75				