

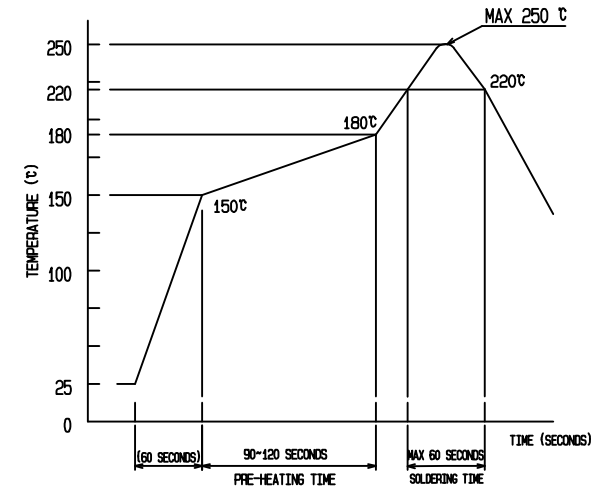


RoHS Compliant HSF
2013/95/EC

REV.	DESCRIPTION	DWN.	APVD.	DATE
A0	Original Content	Song	James	2022-5-11

TABLE:

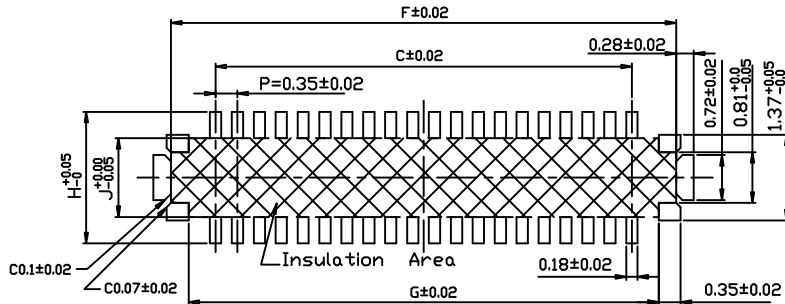
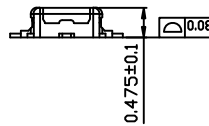
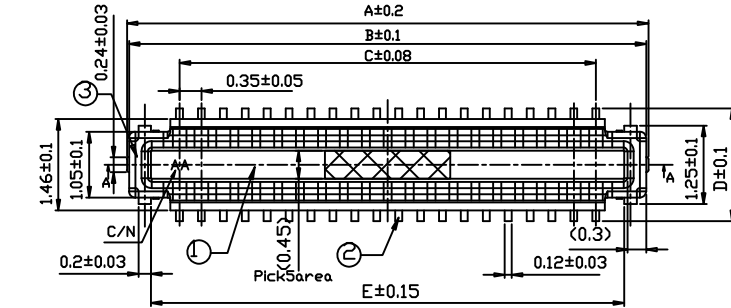
P/N	No. of PIN	DIM									
		A	B	C	D	E	F	G	H	J	
HC-0948P00601011	6PIN	2.35	2.31	0.70	1.60	1.665	2.12	1.56	1.80	1.06	
HC-0948P01001011	10PIN	3.05	3.01	1.40	1.60	2.365	2.82	2.26	1.80	1.06	
HC-0948P01201011	12PIN	3.40	3.36	1.75	1.80	2.715	3.17	2.61	2.10	1.26	
HC-0948P01601011	16PIN	4.10	4.06	2.45	1.80	3.415	3.87	3.31	2.10	1.26	
HC-0948P02401011	24PIN	5.50	5.46	3.85	1.80	4.815	5.27	4.71	2.10	1.26	
HC-0948P03001011	30PIN	6.55	6.51	4.90	1.80	5.865	6.32	5.76	2.10	1.26	
HC-0948P03201011	32PIN	6.90	6.86	5.25	1.80	6.215	6.67	6.11	2.10	1.26	
HC-0948P03401011	34PIN	7.25	7.21	5.60	1.80	6.565	7.02	6.46	2.10	1.26	
HC-0948P04001011	40PIN	8.30	8.26	6.65	1.80	7.615	8.07	7.51	2.10	1.26	
HC-0948P04801011	48PIN	9.70	9.66	8.05	1.80	9.015	9.47	8.91	2.10	1.26	
HC-0948P05001011	50PIN	10.05	10.01	8.40	1.80	9.365	9.82	9.26	2.10	1.26	
HC-0948P06001011	60PIN	11.80	11.76	10.15	1.80	11.115	11.57	11.01	2.10	1.26	



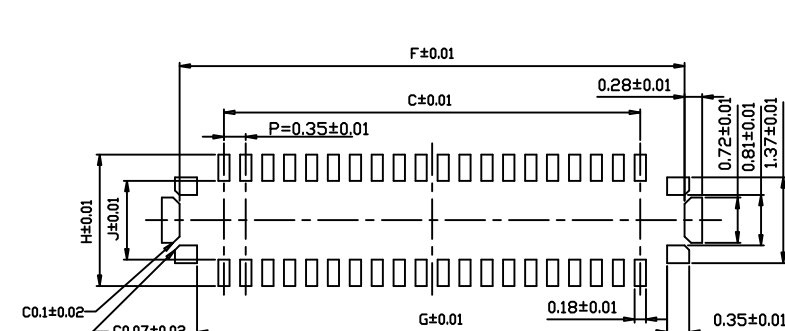
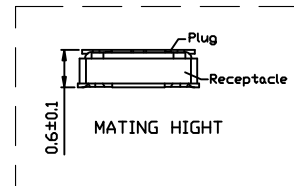
RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE

NOTES:

- 1.VOLTAGE:30V/DA/DC;
- 2.CURRENT:0.3A/SIGNAL CONTACT,7A/POWER CONTACT;
- 3.OPERATION TEMPERATURE:-40°C TO +85°C;
- 4.CONTACT RESISTANCE:90mΩ/SIGNAL CONTACT,30mΩ/POWER CONTACT;
- 5.INSULATION RESISTANCE:500MΩ MIN INITIAL;
- 6.DIELECTIC WITHSTANDING VOLTAGE:100V/AC FOR ONE MINUTE;
- 7.DURABILITY:30 CYCLES;
- 8.IR RREFLOW CYCLE: 2 CYCLES MAX.



RECOMMENDED PCBRLAYOUT



RECOMMENDED METAL DIMENSIONS<THICKNESS:±0.08mm>

HC-0948 P XXX XX XX X

PACKING:

1:TAPE&REEL

HSG COLOR:

01:Black

CONTACT PLATING:

01: GOLD FLASH,
03: Au 3U", 05: Au 5U",
15: Au 15U", 30: Au 30u"

Pin No.:

PLUG

3	POWER CONTACT	COPPER ALLOY,GOLD-PLATING OVER NICKEL	6	REEL	PLASTIC		
2	SIGNAL CONTACT	COPPER ALLOY,GOLD-PLATING OVER NICKEL	5	COVER TAPE	PLLYESTER		
1	HOUSING	LCP,BLACK,UL94 V-0	4	EMBOSSED CARRIER TAPE	PS		
NO.	PART NAME	DESCRIPTION	REMARKS	NO.	PART NAME	DESCRIPTION	REMARKS

TOLERANCES UNLESS OTHERWISE SPECIFIED

UNIT	(MM)
X.	±0.50
X.X	±0.38
X.XX	±0.25
X.XXX	±0.15
ANGEL	±2°

3RD.ANGLE'S



深圳市文章济美科技有限公司

ORIGINAL DATA
2022-5-11

DWN.
JAMES

CHK.

APVD.

TITLE

0.35mm Pitch BTB Plug
0.6H Connector

PART NO.

SEE TABLE

DWG NO.

HC-0948-P

SCALE

SCALE

SHEET

1/2

SIZE

A4

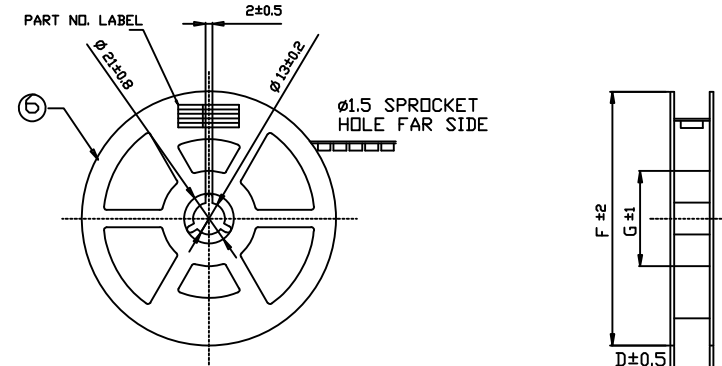
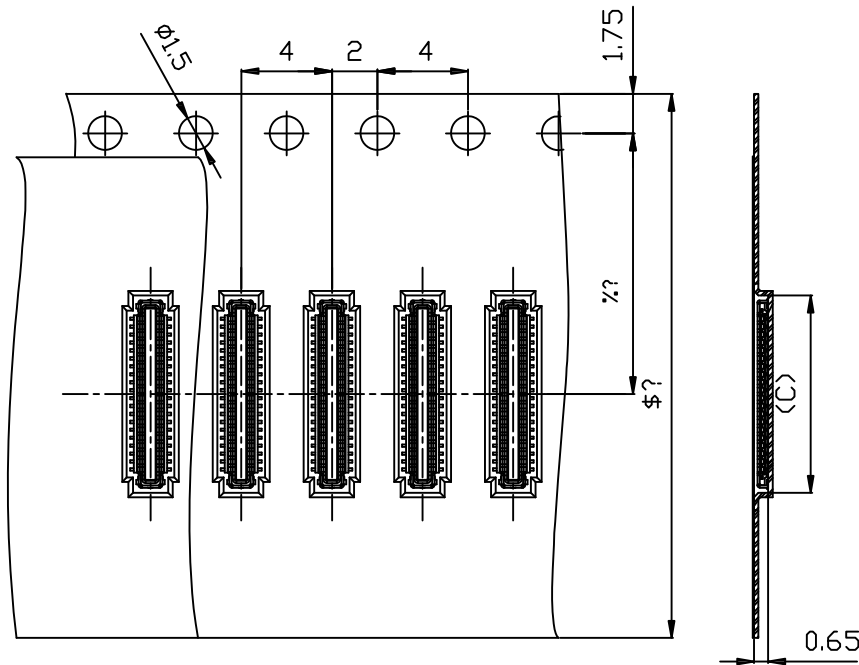
REV.

REV.



RoHS
Compliant HSF
2013/95/EC

REV.	DESCRIPTION	DWN.	APVD.	DATE
A0	Original Content	Song	James	2022-5-11



STYLE AND DIMENSION OF REEL
PER REEL 15000CONNECTORS

DIRECTION OF UNREELING

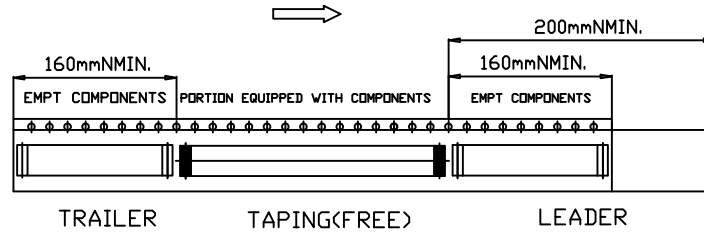


TABLE:

P/N	No. of PIN	DIM						
		A	B	C	D	E	F	G
HC-0948P00601011	6PIN	12.0	5.5	2.46	13.5	17.5	330	80
HC-0948P01001011	10PIN	16.0	7.5	3.16	17.5	21.5	330	80
HC-0948P01201011	12PIN	16.0	7.5	3.51	17.5	21.5	330	80
HC-0948P01601011	16PIN	16.0	7.5	4.21	17.5	21.5	330	80
HC-0948P02401011	24PIN	16.0	7.5	5.61	17.5	21.5	330	80
HC-0948P03001011	30PIN	16.0	7.5	6.66	17.5	21.5	330	80
HC-0948P03201011	32PIN	24.0	11.5	7.01	25.5	29.5	330	80
HC-0948P03401011	34PIN	24.0	11.5	7.36	25.5	29.5	330	80
HC-0948P04001011	40PIN	24.0	11.5	8.41	25.5	29.5	330	80
HC-0948P04801011	48PIN	24.0	11.5	9.81	25.5	29.5	330	80
HC-0948P05001011	50PIN	24.0	11.5	10.16	25.5	29.5	330	80
HC-0948P06001011	60PIN	24.0	11.5	11.91	25.5	29.5	330	80

TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNIT	(MM)
X.	±0.50
X.X	±0.38
X.XX	±0.25
X.XXX	±0.15
ANGEL	±2°

3RD. ANGLE'S

深圳市文章济美科技有限公司

ORIGINAL DATA		TITLE	
2022-5-11		0.35mm Pitch BTB Plug 0.6H Connector	
DWN.	JAMES	PART NO.	SEE TABLE
CHK.		DWG NO.	HC-0948-P
APVD.		SCALE	1/2
		SIZE	A4
		REV.	REV.

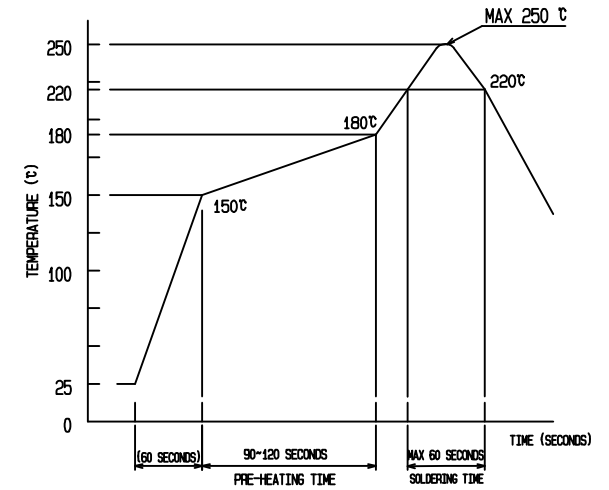


RoHS
Compliant HSF
2013/95/EC

TABLE:

P/N	No,of PIN	DIM						
		A	B	C	D	E	F	G
HC-0948S00601011	6PIN	3.30	0.70	1.62	3.545	1.42	1.07	2.25
HC-0948S01001011	10PIN	4.00	1.40	2.32	4.245	2.12	1.77	2.95
HC-0948S01201011	12PIN	4.35	1.75	2.67	4.595	2.47	2.12	3.30
HC-0948S01601011	16PIN	5.05	2.45	3.37	5.295	3.17	2.82	4.00
HC-0948S02401011	24PIN	6.45	3.85	4.77	6.695	4.57	4.22	5.40
HC-0948S03001011	30PIN	7.50	4.90	5.82	7.745	5.62	5.27	6.45
HC-0948S03201011	32PIN	7.85	5.25	6.17	8.095	5.97	5.62	6.80
HC-0948S03401011	34PIN	8.20	5.60	6.52	8.445	6.32	5.97	7.15
HC-0948S04001011	40PIN	9.25	6.65	7.57	9.495	7.37	7.02	8.20
HC-0948S04801011	48PIN	10.65	8.05	8.97	10.895	8.77	8.42	9.60
HC-0948S05001011	50PIN	11.00	8.40	9.32	11.245	9.12	8.77	9.95
HC-0948S06001011	60PIN	12.75	10.15	11.07	12.995	10.87	10.52	11.70

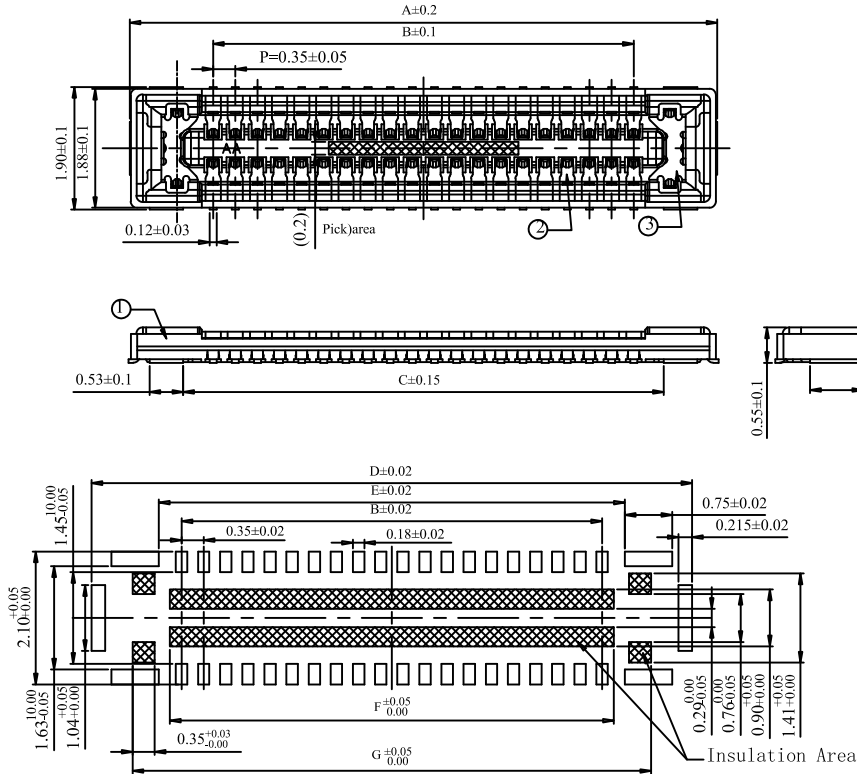
REV.	DESCRIPTION	DWN.	APVD.	DATE
A0	Original Content	Song	James	2022-5-11



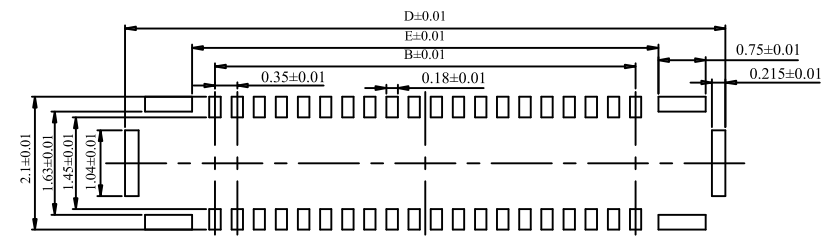
RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE

NOTES:

- 1.VOLTAGE:30V/DA/DC;
- 2.CURRENT:0.3A/SIGNAL CONTACT,7A/POWER CONTACT;
- 3.OPERATION TEMPERATURE:-40°C TO +85°C;
- 4.CONTACT RESISTANCE:90mΩ/SIGNAL CONTACT,30mΩ/POWER CONTACT;
- 5.INSULATION RESISTANCE:500MΩ MIN INITIAL;
- 6.DIELECTIC WITHSTANDING VOLTAGE:100V/AC FOR ONE MINUTE;
- 7.DURABILITY:30 CYCLES;
- 8.IR RREFLOW CYCLE: 2 CYCLES MAX.



RECOMMENDED PCB RLAYOUT



RECOMMENDED METAL DIMENSIONS (THICKNESS:0.08mm)

HC-0948 S XXX XX XX X

PACKING:

1:TAPE&REEL

HSG COLOR:

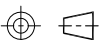
01:Black

CONTACT PLATING:

01: GOLD FLASH,
03:Au 3U", 05:Au 5U",
15:Au 15U", 30:Au 30u"

Pin No.:

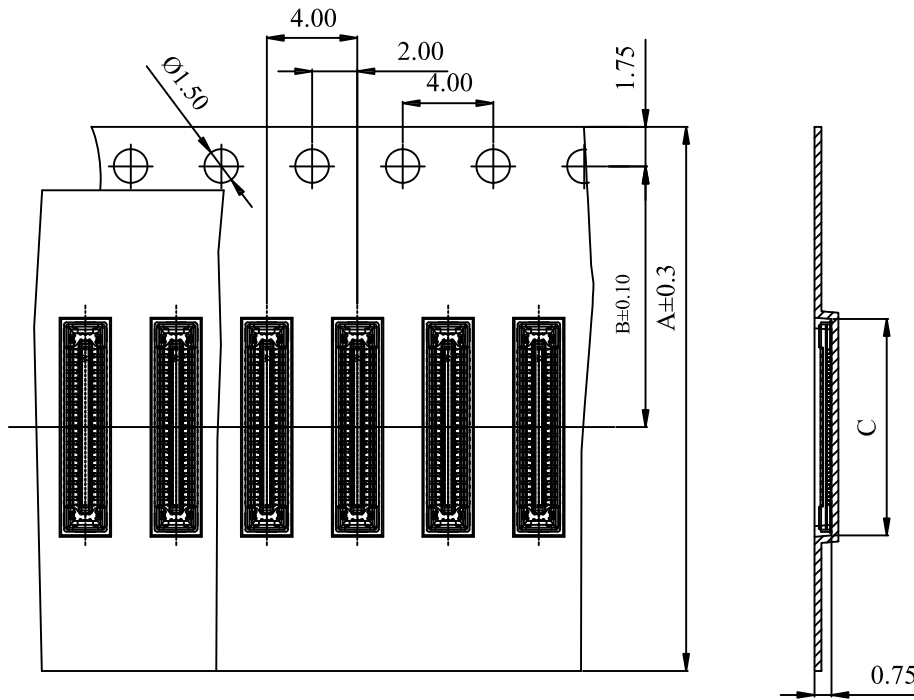
SOCKET

3	POWER CONTACT	COPPER ALLOY,GOLD-PLATING OVER NICKEL	6	REEL	PLASTIC		
2	SIGNAL CONTACT	COPPER ALLOY,GOLD-PLATING OVER NICKEL	5	COVER TAPE	PLLYESTER		
1	HOUSING	LCP,BLACK,JUL94 V-0	4	EMBOSSED CARRIERTAPE	PS		
NO.	PART NAME	DESCRIPTION	REMARKS	NO.	PART NAME	DESCRIPTION	REMARKS
TOLERANCES UNLESS OTHERWISE SPECIFIED		深圳市文章济美科技有限公司					
UNIT (MM)							
X. ±0.50		ORIGINAL DATA		TITLE 0.35mm Pitch BTB SOCKET 0.6H Connector			
X.X ±0.38		2022-5-11					
X.XX ±0.25		DWN.					
X.XXX ±0.15		JAMES					
ANGEL ±2°		CHK.		PART NO.		SCALE	SIZE
3RD.ANGLE'S				SEE TABLE		SCALE	A4
		APVD.		DWG NO.		SHEET	REV.
				HC-0948-S		1/2	

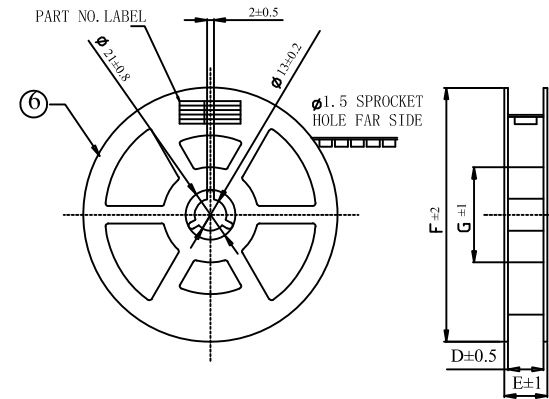
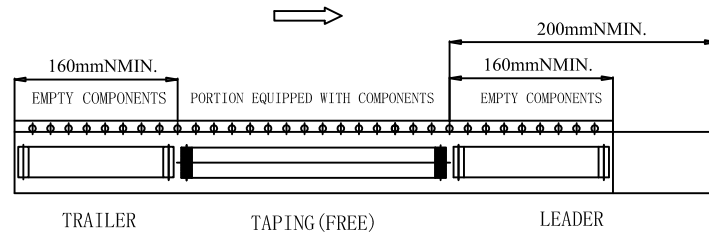


RoHS Compliant HSF
2013/95/EC

REV.	DESCRIPTION	DWN.	APVD.	DATE
A0	Original Content	Song	James	2022-5-11



DIRECTION OF UNREELING



STYLE AND DIMENSION OF REEL
PER REEL 15000 CONNECTORS

TABLE:

P/N	No. of PIN	DIM						
		A	B	C	D	E	F	G
HC-0948S00601011	6PIN	12.0	5.5	3.4	13.5	17.5	330	80
HC-0948S01001011	10PIN	16.0	7.5	4.10	17.5	21.5	330	80
HC-0948S01201011	12PIN	16.0	7.5	4.45	17.5	21.5	330	80
HC-0948S01601011	16PIN	16.0	7.5	5.15	17.5	21.5	330	80
HC-0948S02401011	24PIN	16.0	7.5	6.55	17.5	21.5	330	80
HC-0948S03001011	30PIN	16.0	7.5	7.60	17.5	21.5	330	80
HC-0948S03201011	32PIN	24.0	11.5	7.95	25.5	29.5	330	80
HC-0948S03401011	34PIN	24.0	11.5	8.30	25.5	29.5	330	80
HC-0948S04001011	40PIN	24.0	11.5	9.35	25.5	29.5	330	80
HC-0948S04801011	48PIN	24.0	11.5	10.75	25.5	29.5	330	80
HC-0948S05001011	50PIN	24.0	11.5	11.10	25.5	29.5	330	80
HC-0948S06001011	60PIN	24.0	11.5	12.85	25.5	29.5	330	80

TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNIT	(MM)
X.	±0.50
X.X	±0.38
X.XX	±0.25
X.XXX	±0.15
ANGEL	±2°

3RD. ANGLE'S



深圳市文章济美科技有限公司

ORIGINAL DATA
2022-5-11

DWN.
JAMES

CHK.

APVD.

TITLE

0.35mm Pitch BTB SOCKET
0.6H Connector

PART NO.

SEE TABLE

DWG NO.

HC-0948-S

SCALE

SCALE

1/2

SIZE

A4

REV.

REV.