

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 04/10/08'	~	

NOTES:

1.MATERIALS

- . Contact: copper alloy
- . Insulation: Thermoplastic(UL94 V-0)

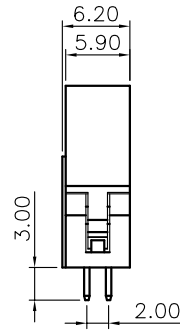
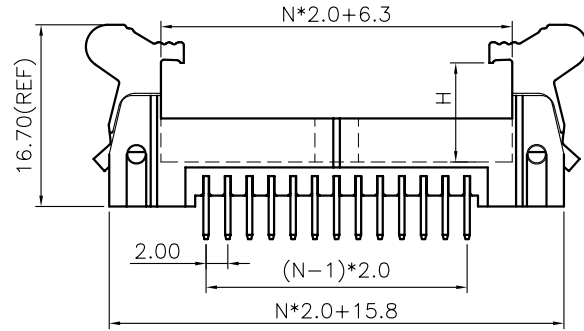
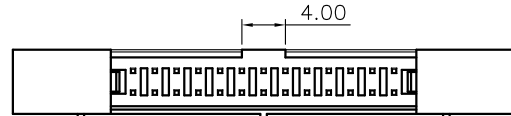
2.SPECIFICATION

- . Storage Temperature:-40°C~+105°C
- . Contact Resistance:20mΩ max.(initial)
- . Insulation Resistance:1,000MΩ min
- . Dielectric Withstanding Voltage:AC 500V Per Minute

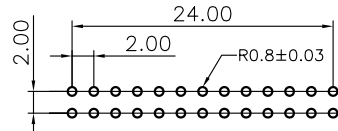
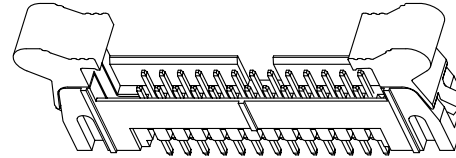
3.PRODUCT NUMBER CODE:

DS1011-02 - X X X X X

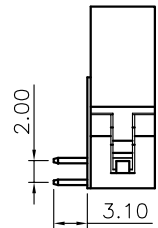
- Housing Color
B: Black
A: Gray
- Contact Plating
8: All Gold Flash
- Ejector Type(Dim. H)
L: Long(11.80)
S: Short(9.10)
- Mounting Type
R: R/A
S: SMT
V: V/T
- No.of Contacts
10 26 34
40 44 50
60
- Series No
DS1011-02



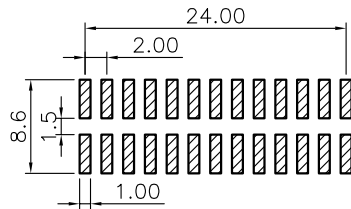
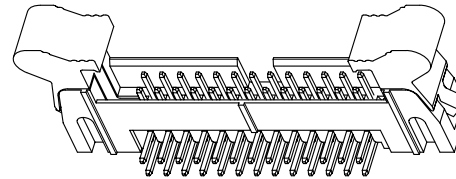
V/T TYPE



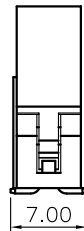
DIP P.C.Board Layout
(TOLERANCE=±0.05)



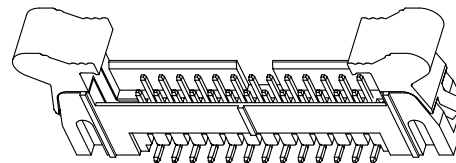
R/A TYPE



SMT P.C.Board Layout
(TOLERANCE=±0.05)




SMT TYPE



GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

PROJECTION	TITLE	SHROUDED HEADER PITCH 2.0mm	
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1011-02

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1011-02-XXXXX-A		

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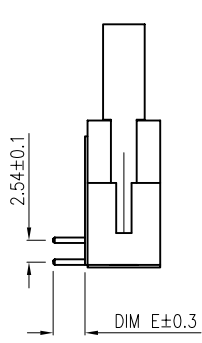
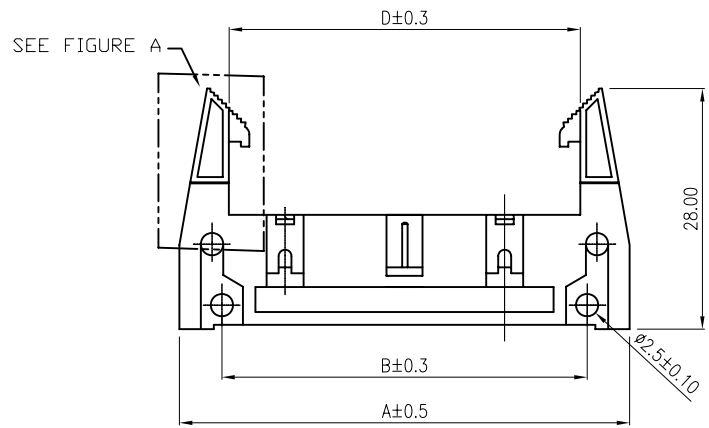
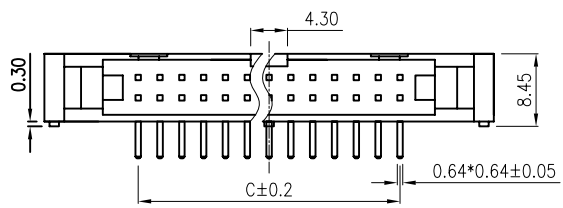
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJC 04/27/05'		卢金春
B	ADD DIM	LL 09/21/06'		卢金春
C	胶芯加胶	YCH 04/09/08'		卢金春
D	整理图面	YCH 07/06/09'		

NOTES:

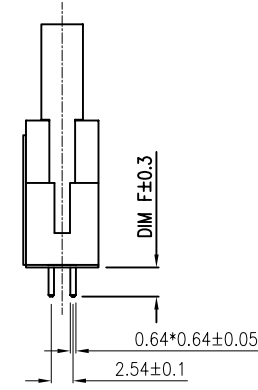
- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max. INITIAL.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - TEMPERATURE: -40°C~+105°C.
- PART NUMBER: DS1011
- PRODUCT NUMBER CODE:

DS1011- X X X X X X X

- LOCK DIM.
7: 7.90mm(standard)
4: 4.50mm(special)
- HOUSING COLOR
B:BLACK
- CONTACT PLATING
Si: Full Gold flash
- HOUSING TYPE
B: BIG LATCH HOUSING
- MOUNTING TYPE
S: STRAIGHT
R: R/A
- No.OF CONTACTS
10 14 16 20
26 30 34 40
50 60 64
- SERIES No.
DS1011 SERIES



R/A TYPE



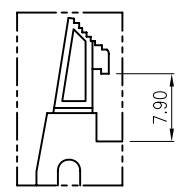
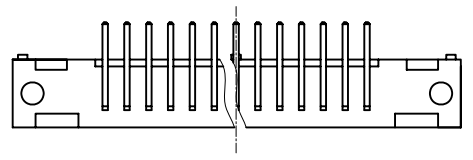
V/T TYPE

R/A TYPE

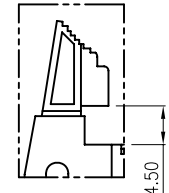
Latch Type	DIM.	E
Stadard Latch		3.70

V/T TYPE

Latch Type	DIM.	F
Stadard Latch		3.10
Stadard Latch		8.10



STANDARD LATCH



SPECIAL LATCH

FIGURE A

AVAILABLE DIMENSION TABLE

No.of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	32.1	37.18	39.72	44.80	52.42	57.50	62.58	70.20	82.90	95.60	100.68
B	22.20	27.28	29.82	34.90	42.52	47.60	52.68	60.30	73.00	85.70	90.78
C	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
D	18.10	23.18	25.72	30.47	38.42	43.50	48.58	56.20	68.90	81.60	86.68

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

PROJECTION		TITLE	SHOUDED HEADER PITCH 2.54mm
UNITS	mm	SHEET SIZE	A4
SHEET SIZE	A4	SERIES	DS1011 SERIES

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1011-XXBXXX-D		

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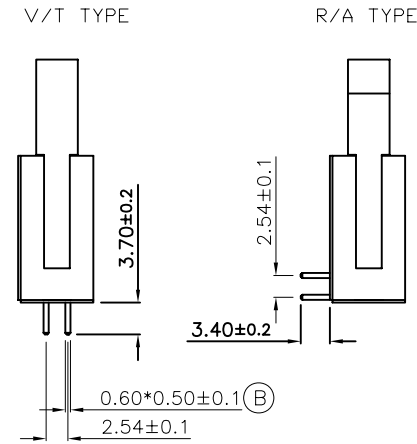
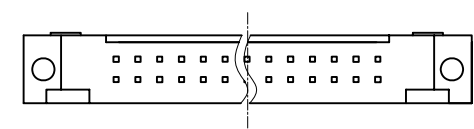
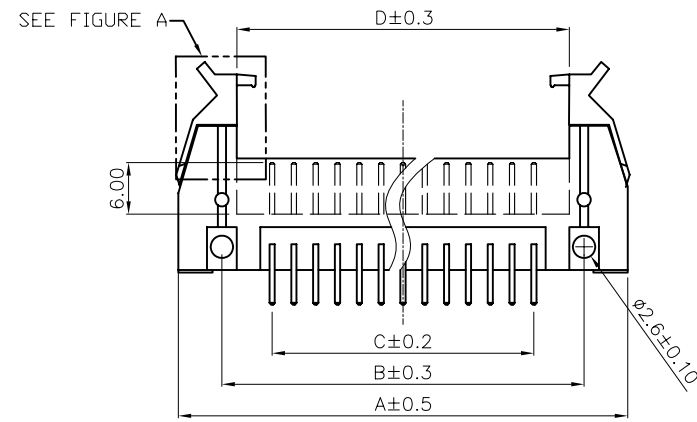
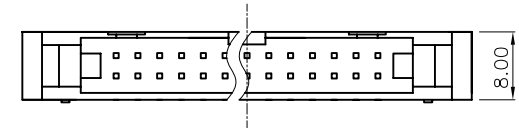
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJC 04/27/05'		卢金春
B	图面绘制错误	LL 10/29/06'		卢金春
C	整理图面	YCH 04/24/08'		

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max. INITIAL.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - TEMPERATURE: -40°C~+105°C.
- PRODUCT NUMBER CODE:

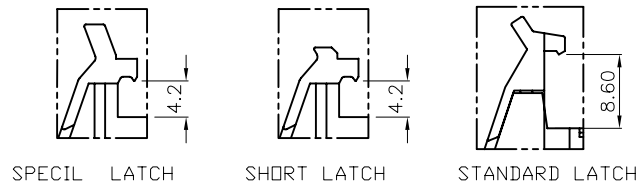
DS1011-01- X X X X X

- LOCK DIM.
 - 8: 8.60mm(standard latch)
 - 2: 4.20mm(short latch)
 - S: 4.2mm(special latch)
- HOUSING COLOR
 - B: BLACK
 - A: GRAY
- CONTACT PLATING
 - Ti: SELECTIVE GOLD FLASH
 - Si: FULL GOLD FLASH
- HOUSING TYPE
 - S: SMALL LATCH HOUSING
- MOUNTING TYPE
 - S: STRAIGHT
 - R: R/A
- No.OF CONTACTS
 - 10 14 16 20 26 30
 - 34 40 50 60 64



AVAILABLE DIMENSION TABLE

No.of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	31.92	37.00	39.54	44.62	52.24	57.32	62.40	70.02	82.72	95.42	100.50
B	21.72	26.80	29.34	34.42	42.04	47.12	52.20	59.82	72.52	85.22	90.30
C	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
D	18.22	23.30	25.84	30.92	38.54	43.62	48.70	56.32	69.02	81.72	86.80



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	SHOUDED HEADER PITCH 2.54mm	
X.	±0.60	X.	±5°	UNITS	mm	SERIES	DS1011-01 SERIES	
.X	±0.38	.X	±3°	SHEET SIZE	A4			
.XX	±0.25	.XX	±2°	晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD				
DRAWING TYPE		CUSTOMER						
SCALE	1:1	SHEET	1 OF 1					
DRAWING NO.		C-DS1011-01-XXSXXX						

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 04/10/08'	~	LJC 04/10/08'
B	更新图面	YCH 11/17/08'	~	

NOTES:

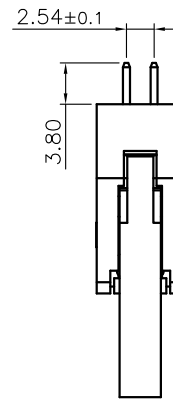
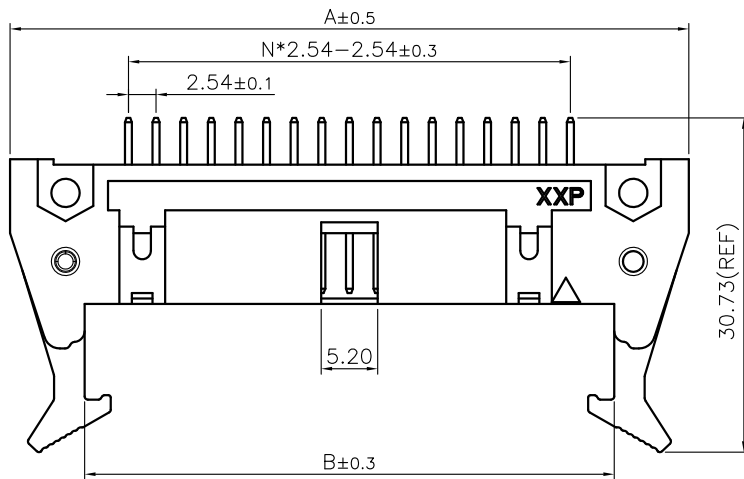
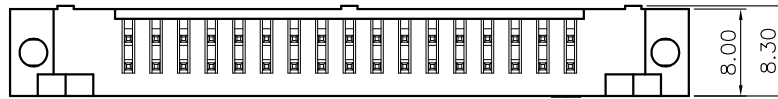
1.SPECIFICATION

- . Temperature range:-40~105°C
- . Contact Resistance:20mΩ max.
- . Insulation Resistance:1,000MΩ min
- . Dielectric Withstanding Voltage:
AC 500V Per Minute

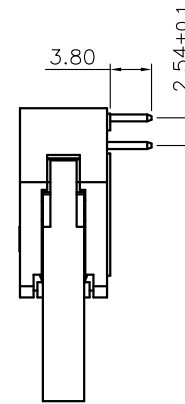
2.PRODUCT NUMBER CODE:

DS1011-03 - X X X X

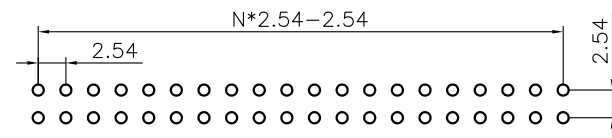
- Housing Color
B: Black
L: Blue
- Contact Plating
8: All Gold Flash
- Mounting Type
R: R/A
V: V/T
- No.of Contacts
10 14 16 20
26 30 34 40
50 60 64
- Series No
DS1011-03



V/T TYPE




R/A TYPE



RECOMMEND PCB LAYOUT(TOLERANCE=±0.05)

No.of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	31.92	37.00	39.54	44.62	52.24	57.32	62.40	70.02	82.72	95.42	100.50
B	18.22	23.30	25.84	30.92	38.54	43.62	48.70	56.32	69.02	81.72	86.80

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE
X.	±0.60	X.	±5°	mm	SHROUDED HEADER PITCH 2.54mm
.X	±0.38	.X	±3°	A4	
.XX	±0.25	.XX	±2°	SHEET SIZE	SERIES DS1011-03
DRAWING TYPE				CUSTOMER	
SCALE		1:1	SHEET		1 OF 1
DRAWING NO.		C-DS1011-03-XXXX-B			

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 01/07/10'		

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max. INITIAL.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - OPERATING TEMPERATURE: 0°C~+85°C.
 - STORAGE TEMPERATURE: -20°C~+70°C.
- PART NUMBER: DS1011-06
- PRODUCT NUMBER CODE:
DS1011-06- X X X X X X

LOCK DIM.
7: 7.90mm(standard)
4: 4.50mm(special)

HOUSING COLOR
B:Black
A:Gray

CONTACT PLATING
Si: Full Gold flash
Ti: Selective Gold Flash

HOUSING TYPE
B: BIG LATCH HOUSING

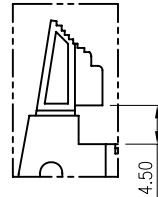
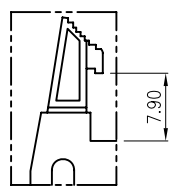
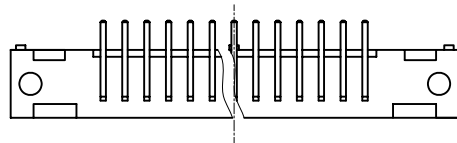
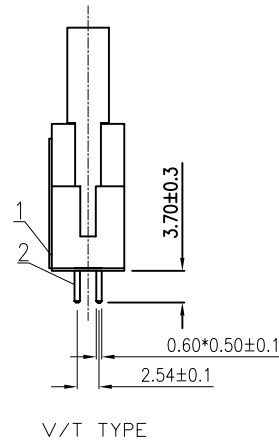
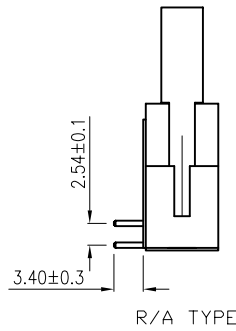
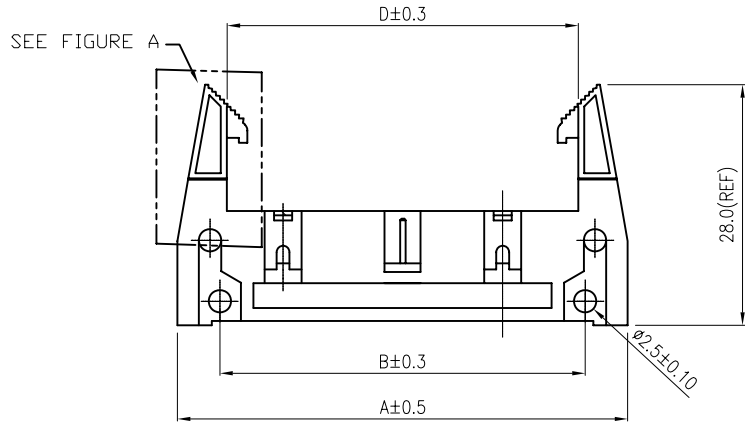
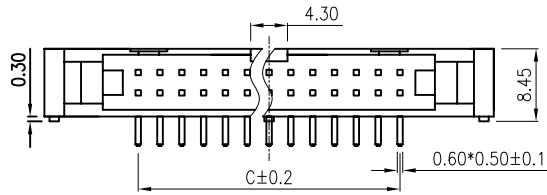
MOUNTING TYPE
S: STRAIGHT
R: R/A

No.OF CONTACTS
10 14 16 20
26 30 34 40
50 60 64

SERIES No.
DS1011-06 SERIES

AVAILABLE DIMENSION TABLE

No.of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	32.1	37.18	39.72	44.80	52.42	57.50	62.58	70.20	82.90	95.60	100.68
B	22.20	27.28	29.82	34.90	42.52	47.60	52.68	60.30	73.00	85.70	90.78
c	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
D	18.10	23.18	25.72	30.47	38.42	43.50	48.58	56.20	68.90	81.60	86.68



STANDARD LATCH SPECIAL LATCH

FIGURE A

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

PROJECTION		TITLE	SHOUED HEADER PITCH 2.54mm
UNITS	mm	SHEET SIZE	A4
SHEET SIZE	A4	SERIES	DS1011-06 SERIES

2	CONTACT		COPPER ALLOY		GOLD PLATED	DRAWING TYPE	CUSTOMER		
1	HOUSING		THERMOPLASTIC		UL 94 V-0	SCALE	1:1	SHEET	1 OF 1
ITEM	PART NAME	PART NO.	MATERILAS		FINISHED	DRAWING NO.	C-DS1011-06-XXBXXX-A		

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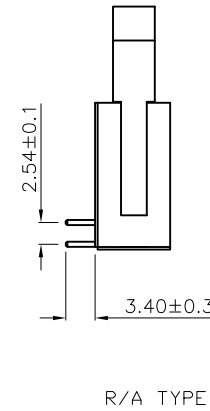
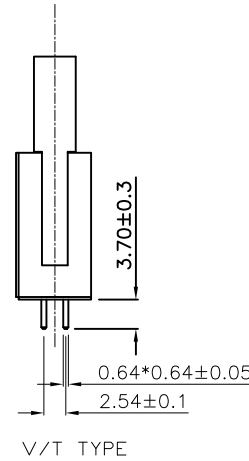
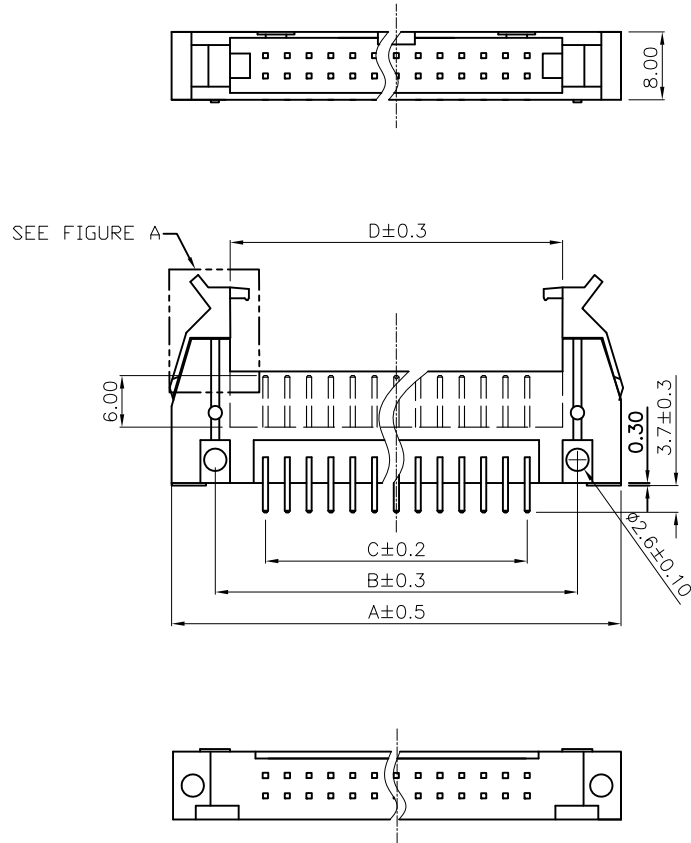
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJC 04/27/05'	~	

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max. INITIAL.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - OPERATING TEMPERATURE: -40°C~+105°C.
- PRODUCT NUMBER CODE:

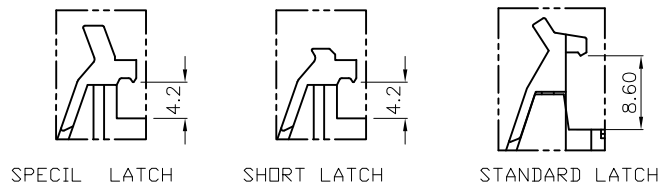
DS1011-07- X X X X X

- LOCK DIM.
 - 8: 8.60mm(standard latch)
 - 2: 4.20mm(short latch)
 - S: 4.2mm(special latch)
- HOUSING COLOR
 - B: BLACK
 - A: GRAY
- CONTACT PLATING
 - Ti: SELECTIVE GOLD FLASH
 - Si: FULL GOLD FLASH
- HOUSING TYPE
 - S: SMALL LATCH HOUSING
- MOUNTING TYPE
 - S: STRAIGHT
 - R: R/A
- No.OF CONTACTS
 - 10 14 16 20 26 30
 - 34 40 50 60 64

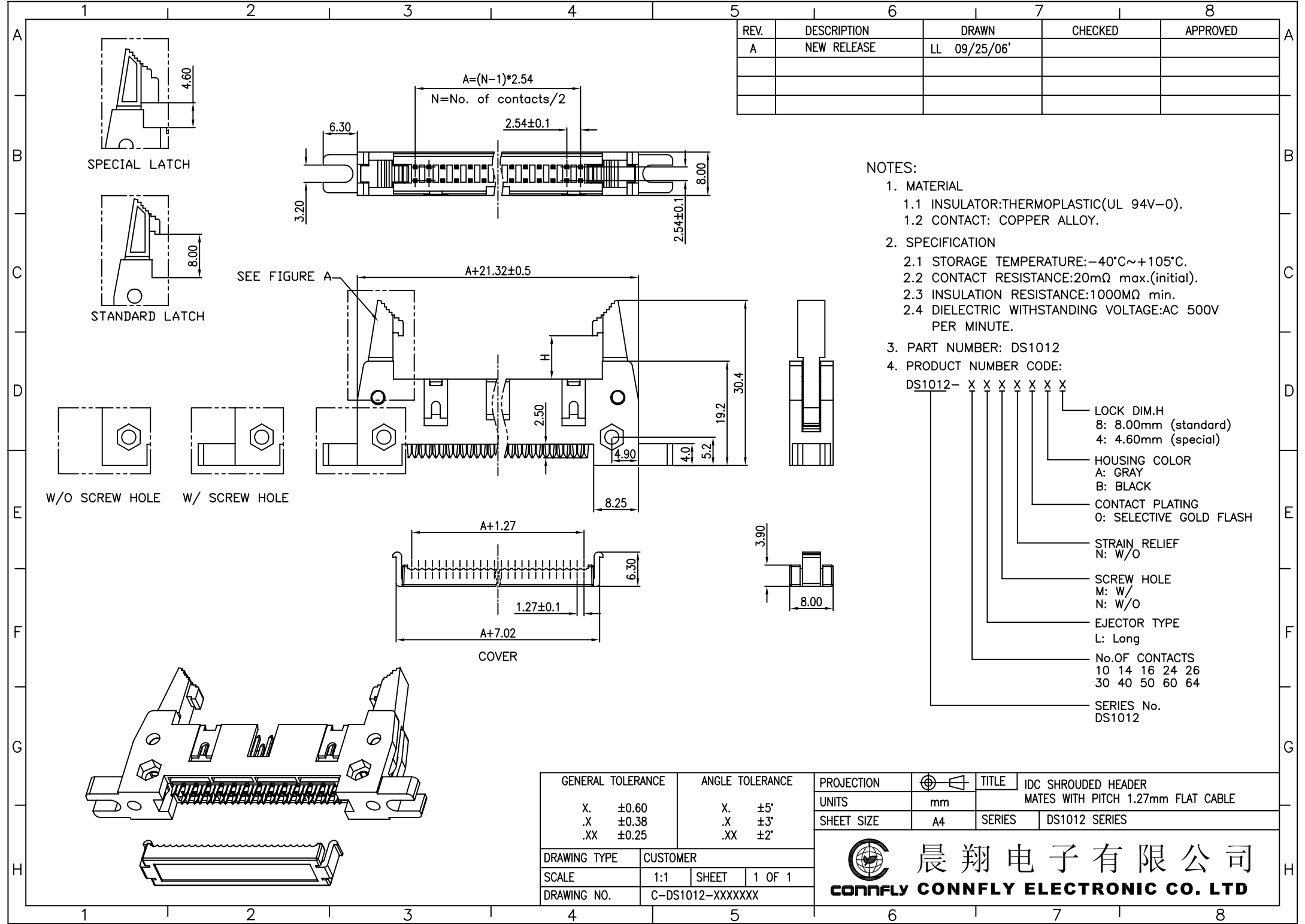


AVAILABLE DIMENSION TABLE

No.of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	31.92	37.00	39.54	44.62	52.24	57.32	62.40	70.02	82.72	95.42	100.50
B	21.72	26.80	29.34	34.42	42.04	47.12	52.20	59.82	72.52	85.22	90.30
C	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
D	18.22	23.30	25.84	30.92	38.54	43.62	48.70	56.32	69.02	81.72	86.80



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	SHOUDED HEADER PITCH 2.54mm	
X.	±0.60	X.	±5°	UNITS	mm	SQUARE PIN TYPE		
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1011-07 SERIES	
.XX	±0.25	.XX	±2°	晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD				
DRAWING TYPE		CUSTOMER						
SCALE	1:1	SHEET	1 OF 1					
DRAWING NO.		C-DS1011-07-XXSXXX						



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 09/25/06'		

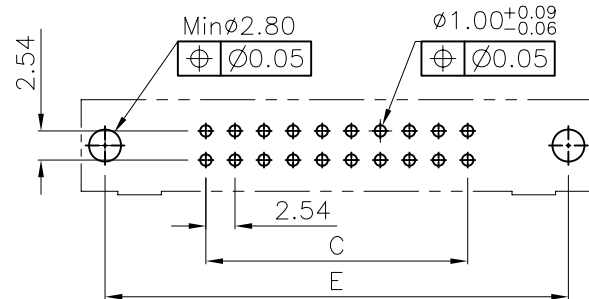
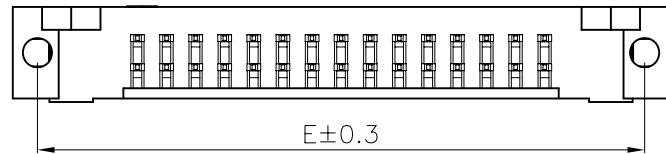
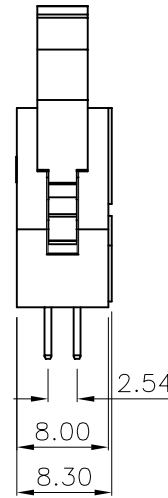
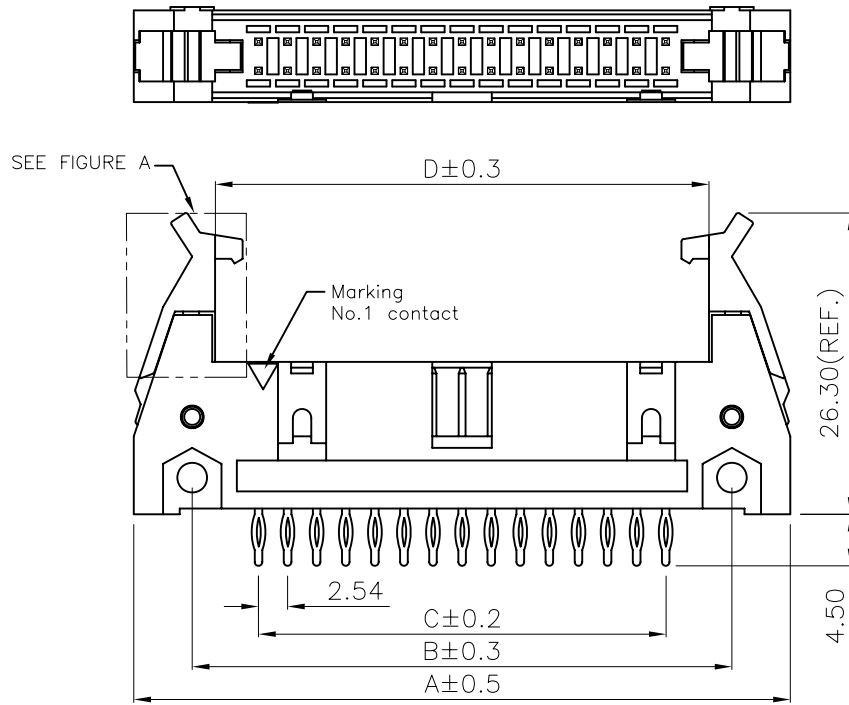
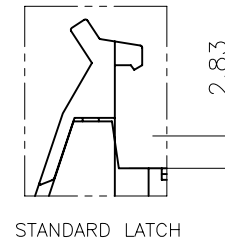
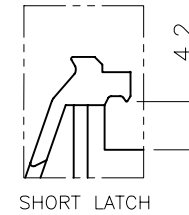
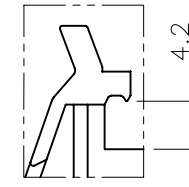
- NOTES:
- MATERIAL
 - INSULATOR: THERMOPLASTIC (UL 94V-0).
 - CONTACT: COPPER ALLOY.
 - SPECIFICATION
 - STORAGE TEMPERATURE: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$.
 - CONTACT RESISTANCE: $20\text{m}\Omega$ max. (initial).
 - INSULATION RESISTANCE: $1000\text{M}\Omega$ min.
 - DIELECTRIC WITHSTANDING VOLTAGE: AC 500V PER MINUTE.
 - PART NUMBER: DS1012
 - PRODUCT NUMBER CODE:
 DS1012- X X X X X X X
 LOCK DIM.H
 8: 8.00mm (standard)
 4: 4.60mm (special)
 HOUSING COLOR
 A: GRAY
 B: BLACK
 CONTACT PLATING
 0: SELECTIVE GOLD FLASH
 STRAIN RELIEF
 N: W/O
 SCREW HOLE
 M: W/
 N: W/O
 EJECTOR TYPE
 L: Long
 No. OF CONTACTS
 10 14 16 24 26
 30 40 50 60 64
 SERIES No.
 DS1012

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	IDC SHROUDED HEADER
X.	± 0.60	X.	$\pm 5^{\circ}$	UNITS	mm	MATES WITH PITCH 1.27mm FLAT CABLE	
.X	± 0.38	.X	$\pm 3^{\circ}$	SHEET SIZE	A4	SERIES	DS1012 SERIES
.XX	± 0.25	.XX	$\pm 2^{\circ}$	晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD			
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	1 OF 1				
DRAWING NO.		C-DS1012-XXXXXXX					

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 01/05/09'	~	

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max. INITIAL.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - TEMPERATURE: -40°C~+105°C.
- PRODUCT NUMBER CODE:
 DS1011-05- X X X X
 LOCK DIM.
 8: 8.60mm(standard latch)
 2: 4.20mm(short latch)
 S: 4.2mm(special latch)
 HOUSING COLOR
 B: BLACK
 A: GRAY
 CONTACT PLATING
 Ti: SELECTIVE GOLD FLASH
 Si: FULL GOLD FLASH
 No.OF CONTACTS
 10 14 16 20 26 30
 34 40 50 60 64

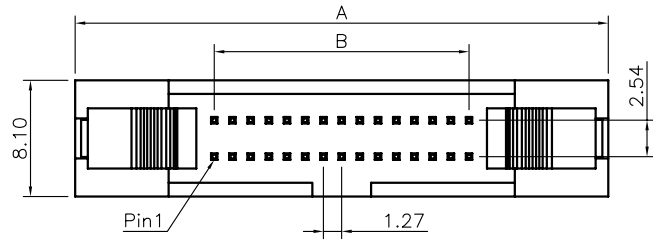


AVAILABLE DIMENSION TABLE

No.of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	31.92	37.00	39.54	44.62	52.24	57.32	62.40	70.02	82.72	95.42	100.50
B	21.72	26.80	29.34	34.42	42.04	47.12	52.20	59.82	72.52	85.22	90.30
C	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
D	18.22	23.30	25.84	30.92	38.54	43.62	48.70	56.32	69.02	81.72	86.80
E	27.76	32.84	35.38	40.46	48.08	53.16	58.24	65.86	78.56	91.26	109.04

GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION	TITLE	SHOUDED HEADER PITCH 2.54mm PRESS-FIT TYPE
X. ±0.60	X. ±5°	mm		
.X ±0.38	.X ±3°	A4	SERIES	DS1011-05 SERIES
.XX ±0.25	.XX ±2°			
DRAWING TYPE	CUSTOMER	晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD		
SCALE	1:1 SHEET 1 OF 1			
DRAWING NO.	C-DS1011-05-XXXX			

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 04/10/08'	~	



ACCESSORIES	X	Y
LONG LATCH	19.0	10.65
SHORT LATCH	17.5	8.0

NOTES:

1.MATERIALS

- . Contact: copper alloy
- . Insulation: Thermoplastic(UL94 V-0)

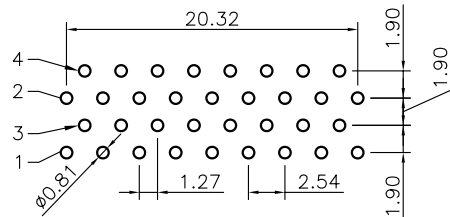
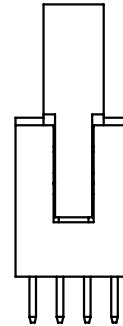
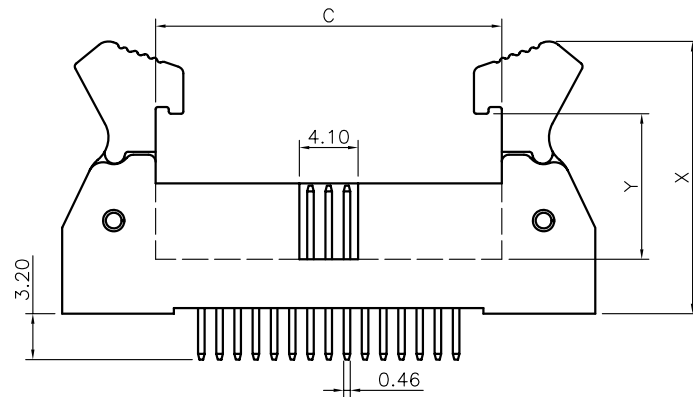
2.SPECIFICATION

- . Temperature:-40°C~+105°C
- . Contact Resistance:30mΩ max.(initial)
- . Insulation Resistance:1,000MΩ min
- . Dielectric Withstanding Voltage:AC 250V Per Minute

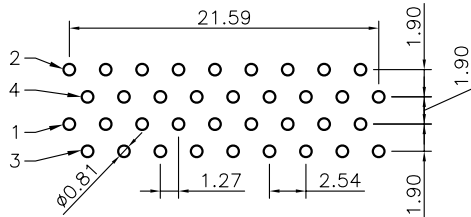
3.PRODUCT NUMBER CODE:

DS1011-04 - X X X X X

- Housing Color
B: Black
L: Blue
A: Gray
- Contact Plating
8: Full Gold Flash
- Ejector Type
L: Long Latch
S: Short Latch
- Mounting Type
V: V/T
- No.of Contacts
10 20 26 30 34
40 50 60 68
70 80 90 100
- Series No
DS1011-04



P.C.B Layout
(TOLERANCE=±0.05)
For Positions
10,26,30,34,50,70,90




P.C.B Layout
(TOLERANCE=±0.05)
For Positions
20,40,60,68,80,100

PINS PER ROW	A	B	C
5	24.50	5.08	11.46
10	30.85	11.43	17.81
13	34.66	15.24	21.26
15	37.20	17.78	24.16
17	39.74	20.32	26.70
20	43.55	24.13	30.51
25	49.90	30.48	36.86
30	56.25	36.83	43.21
34	61.33	41.91	48.29
35	62.60	43.18	49.56
40	68.95	49.53	55.91
45	75.30	55.88	62.26
50	81.65	62.23	68.61

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

PROJECTION	TITLE
UNITS	SHROUDED HEADER PITCH 1.27*2.54mm
SHEET SIZE	SERIES DS1011-04

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1011-04-XXXXX-A		

 晨翔电子有限公司
CONNFLY CONNFLY ELECTRONIC CO. LTD

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 05/08/12'	~	

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max. INITIAL.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - OPERATING TEMPERATURE: -40°C~+105°C.
- PART NUMBER: DS1011-08
- PRODUCT NUMBER CODE: DS1011-08- X X X X X X

LOCK DIM.
7: 7.90mm(standard)
4: 4.50mm(special)

HOUSING COLOR
B:BLACK

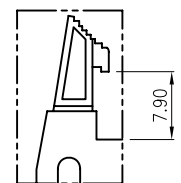
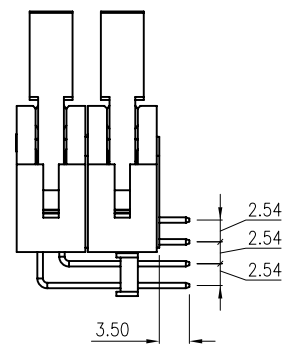
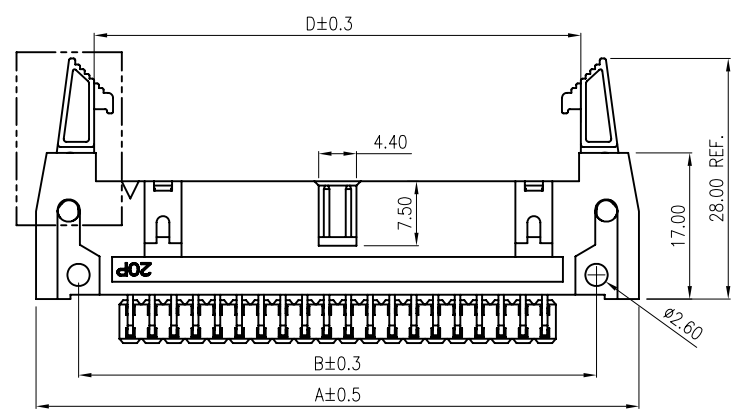
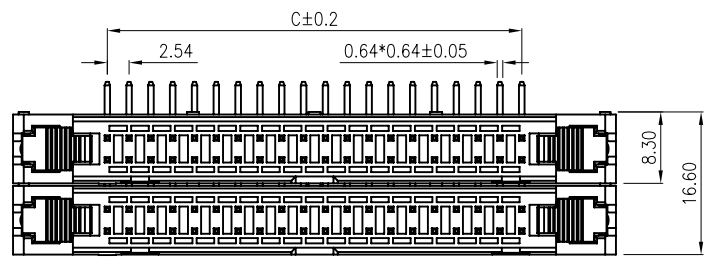
CONTACT PLATING
Si: Full Gold flash

HOUSING TYPE
B: BIG LATCH HOUSING

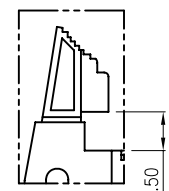
MOUNTING TYPE
R: R/A

No. OF CONTACTS
10 14 16 20
26 30 34 40
50 60 64

SERIES No.
DS1011-08 SERIES



STANDARD LATCH



SPECIAL LATCH

AVAILABLE DIMENSION TABLE

No. of Contacts	10	14	16	20	26	30	34	40	50	60	64
A	32.1	37.18	39.72	44.80	52.42	57.50	62.58	70.20	82.90	95.60	100.68
B	22.20	27.28	29.82	34.90	42.52	47.60	52.68	60.30	73.00	85.70	90.78
C	10.16	15.24	17.78	22.86	30.48	35.56	40.64	48.26	60.96	73.66	78.74
D	18.10	23.18	25.72	30.47	38.42	43.50	48.58	56.20	68.90	81.60	86.68

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	STACKINGSHOUED HEADER PITCH 2.54mm TYPE	
X.	±0.60	X.	±5°	UNITS	mm			
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1011-08 SERIES	
.XX	±0.25	.XX	±2°	晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD				
DRAWING TYPE		CUSTOMER						
SCALE	1:1	SHEET	1 OF 1					
DRAWING NO.		C-DS1011-08-XXBXXX						