

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 06/30/06'		

NOTES:

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

DS1002-10 - X X X X

Contact type
 1: TYPE 1
 2: TYPE 2
 3: TYPE 3
 Clip plating
 1: Tin 150u"
 2: Tin 200u"
 3: G/F
 4: Gold 3u"
 5: Gold 10u"
 6: Gold 15u"
 Pin plating
 1: Tin 150u"
 2: Tin 200u"
 3: G/F
 4: Gold 3u"
 5: Gold 10u"
 6: Gold 15u"
 No. of contacts
 06 08 14 16 18
 20 24 28 32 40
 Series No.
 DS1002-10

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

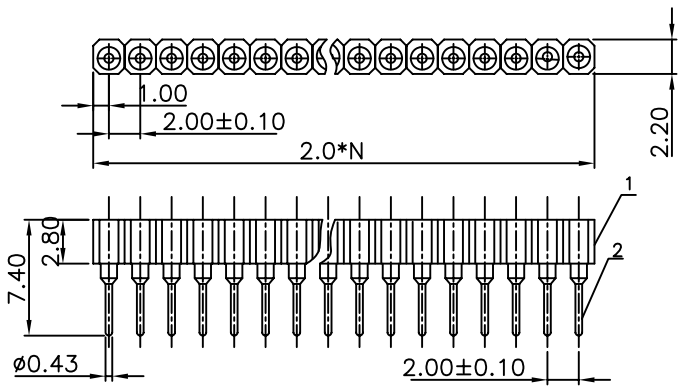
PROJECTION		TITLE	SIP IC SOCKET PITCH 1.778mm
UNITS	mm	SHEET	1 OF 1
SHEET SIZE	A4	SERIES	DS1002-10 SERIES

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-DS1002-10-XXXX		

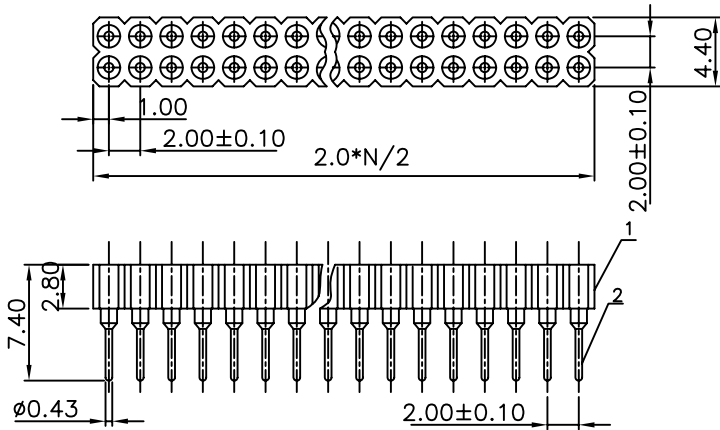
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CONNFLY CONNFLY ELECTRONIC CO. LTD

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

SINGLE ROW
N:NUMBER OF CONTACTS



DUAL ROWS
N:NUMBER OF CONTACTS



NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20 MILLIOHMS Max.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000 MEGAOHMS Min.
- ENVIRONMENT CHARACTERISTICS:
 - TEMPERATURE: -40°C~+105°C.
- PART NUMBER: DS1002-02
- PRODUCT NUMBER CODE:

DS1002-02 - X X X X

- X: Clip plated
 - F6: 3u" Gold
 - T1: Tin
- X: Pin plating
 - T1: Full Tin
- X: Clip type
 - B: 4 Fingers
- X: No. of contacts
 - 1*1 - 1*40
 - 2*1 - 2*40
- Series No. DS1002-02

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

PROJECTION		TITLE	SIP IC SOCKET(SCREW PIN) PITCH2.00mm
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1002-02 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-DS1002-02-XXXX		

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/03/06'		

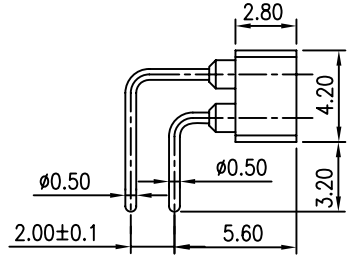
NOTES:

- ELECTRICAL:
 - Current rating: 3Amps/contact max.
 - Contact resistance: $\leq 20\text{m}\Omega/\text{contact}$.
 - Insulation resistance: $\geq 1000\text{M}\Omega$ at $V=100\text{V}$.
 - Operating voltage: 60V AC/DC.

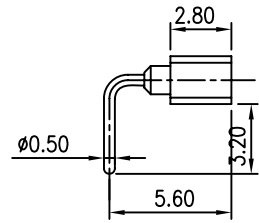
2. PRODUCT NUMBER CODE:

DS1002-09 - X X X X

- CLIP PLATING
 - Tin 150u"
 - Tin 200u"
 - G/F
 - Gold 3u"
 - Gold 10u"
 - Gold 15u"
- PIN PLATING
 - Tin 150u"
 - Tin 200u"
 - G/F
 - Gold 3u"
 - Gold 10u"
 - Gold 15u"
- MOUNTING TYPE
 - R: R/A TYPE
 - S: SMT TYPE
- No. OF CONTACTS
 - 1*1 to 1*40
 - 2*2 to 2*40
- SERIES NO
DS1002-09

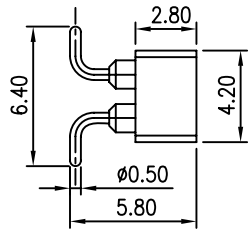
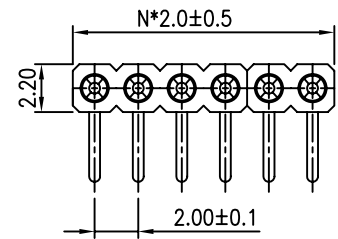


DUAL ROWS

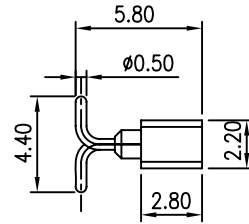


SINGLE ROW

R/A TYPE

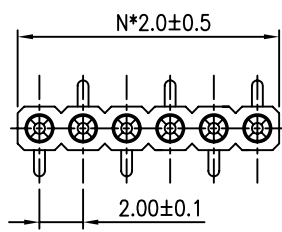


DUAL ROWS



SINGLE ROW


SMT TYPE



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

DRAWING TYPE		CUSTOMER	
SCALE	1:1	SHEET	10F1
DRAWING NO.	C-DS1002-09-XXXX		

PROJECTION	TITLE
UNITS	IC SOCKET R/A&SMT TYPE PITCH 2.00mm
SHEET SIZE	SERIES DS1002-09 SERIES

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 01/06/06'		

NOTES:

1. MATERIAL:
 - 1.1 Pin(outer sleeve): Brass, machined CuZn38Pb2.
 - 1.2 Clip(contact 4finger): Beryllium Copper or phosphor bronze.
 - 1.3 Insulator(black): Glass filled thermoplastic polyester UL94V-0.

2. ELECTRICAL:
 - 2.1 Current rating: 3Amps/contact max.
 - 2.2 Contact resistance: $\leq 20m\Omega$ /contact.
 - 2.3 Insulation resistance: $\geq 1000M\Omega$ at $V=100V$.
 - 2.4 Operating voltage: 60V AC/DC.

3. PRODUCT NUMBER CODE:

DS1002-05 - X X X

CLIP PLATING

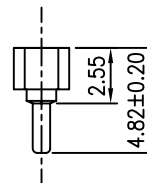
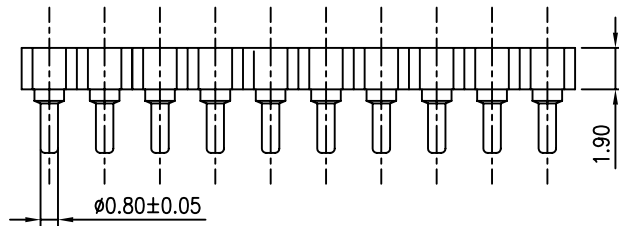
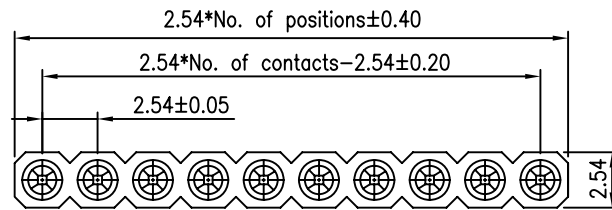
- 6: Full Tin
- 8: Full gold flash
- C: Full gold 3u"
- A: Full gold 10u"

PIN PLATING

- 6: Full Tin
- 8: Full gold flash
- C: Full gold 3u"
- A: Full gold 10u"

No.OF CONTACTS

1*1 to 1*40

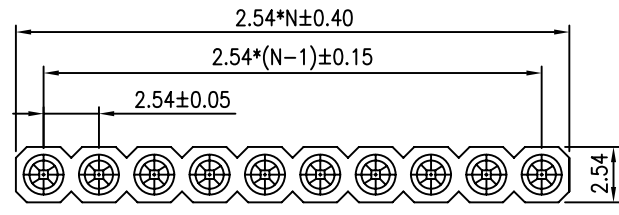


GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE	IC SOCKET PITCH 2.54mm PIN LENGTH 4.82mm	
X.	±0.60	X.	±5'		mm		
.X	±0.38	.X	±3'		A4	SERIES	DS1002-05 SERIES
.XX	±0.25	.XX	±2'				
DRAWING TYPE		CUSTOMER		 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD			
SCALE		1:1	SHEET 10F1				
DRAWING NO.		C-DS1002-05-XXXX					

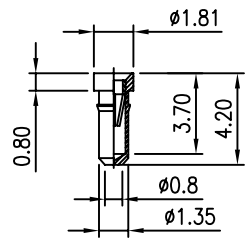
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 06/15/06'		

- NOTES:
- ELECTRICAL:
 - Current rating: 3Amps/contact max.
 - Contact resistance: $\leq 20m\Omega$ /contact.
 - Insulation resistance: $\geq 1000M\Omega$ at V=100V.
 - Operating voltage: 60V AC/DC.

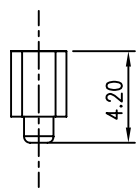
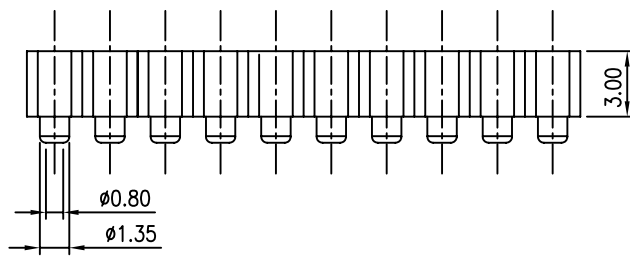
2. PRODUCT NUMBER CODE:
- DS1002-06 - X X X
- CLIP PLATING
 - 6: Full Tin
 - 8: Full gold flash
 - C: Full gold 3u"
 - A: Full gold 10u"
 - PIN PLATING
 - 6: Full Tin
 - 8: Full gold flash
 - C: Full gold 3u"
 - A: Full gold 10u"
 - No.OF CONTACTS
 - 1*1 to 1*40
 - 2*2 to 2*40



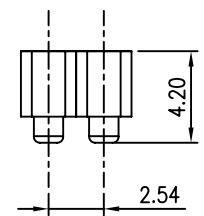
N=NO. OF CONTACTS



CONTACT



SINGLE ROW



DUAL ROWS

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	IC SOCKET PITCH 2.54mm PIN LENGTH 4.20mm	
X.	±0.60	X.	±5°	UNITS	mm			
.X	±0.38	.X	±3'	SHEET SIZE	A4	SERIES	DS1002-06 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	10F1					
DRAWING NO.		C-DS1002-06-XXXX						

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/02/06'		

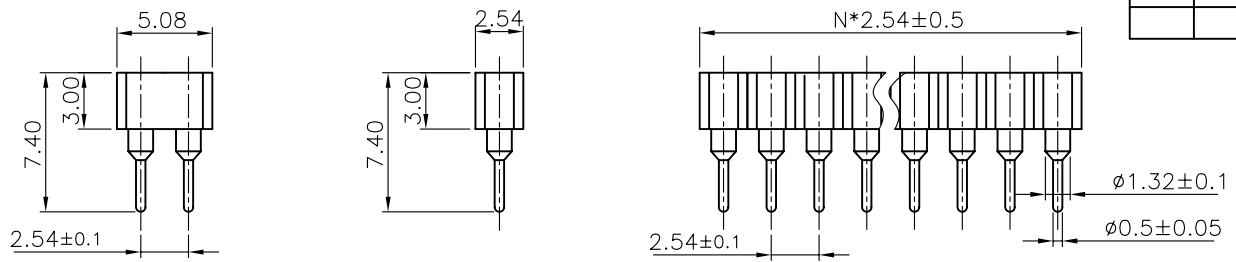
NOTES:

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

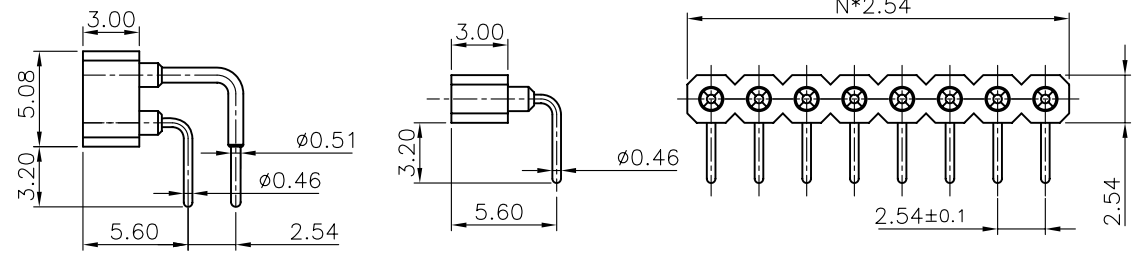
3. PRODUCT NUMBER CODE:

DS1002-01 - X X X X

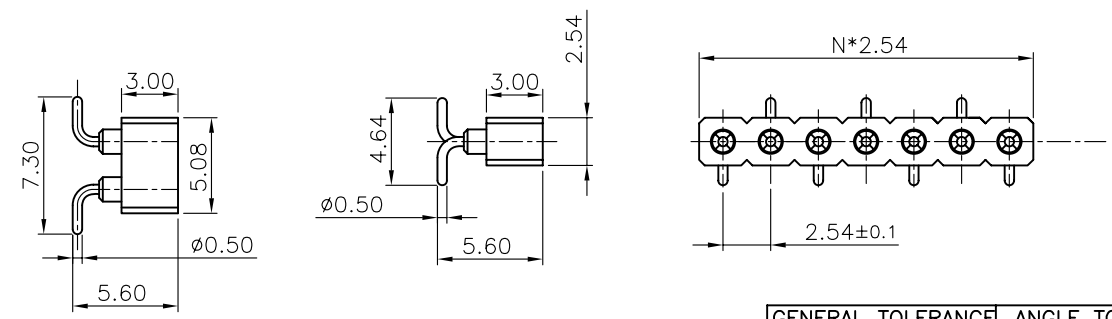
- Clip plating
 - Tin 150u"
 - Tin 200u"
 - G/F
 - Gold 3u"
 - Gold 10u"
 - Gold 15u"
- Pin plating
 - Tin 150u"
 - Tin 200u"
 - G/F
 - Gold 3u"
 - Gold 10u"
 - Gold 15u"
- Mounting type
 - V: V/T TYPE
 - R: R/A TYPE
 - S: SMT TYPE
- No. of contacts
 - 1*1 - 1*64
 - 2*1 - 2*40



Dual rows
Single row
V/T TYPE



Dual rows
Single row
R/A TYPE



Dual rows
Single row
SMT TYPE

N: No. of contacts

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

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	10F1
DRAWING NO.	C-DS1002-01-XXXX		

PROJECTION	TITLE	IC SOCKET R/A & V/T & SMT	
UNITS	mm	PITCH 2.54mm	
SHEET SIZE	A4	SERIES	DS1002-01 SERIES

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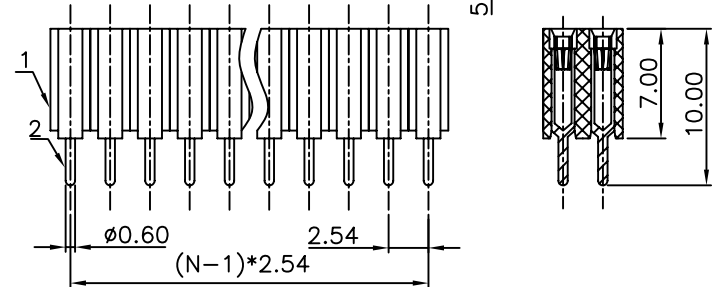
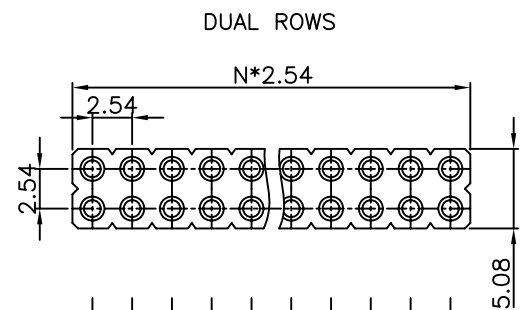
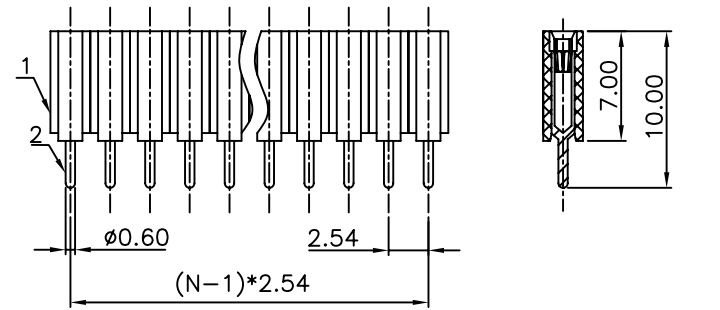
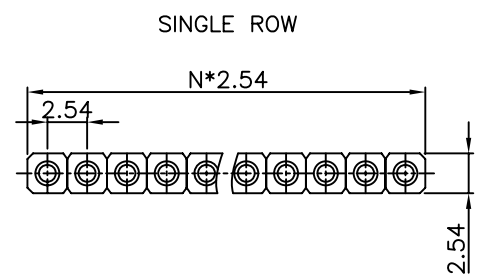
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 07/11/05'		

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: DS1002-03
- PRODUCT NUMBER CODE:

DS1002-03 - X X X X


- Pin length
1: 10.00mm
- Clip plating
1: Tin 150u"
2: Tin 200u"
3: G/F
4: Gold 3u"
5: Gold 10u"
6: Gold 15u"
- Pin plating
1: Tin 150u"
2: Tin 200u"
3: G/F
4: Gold 3u"
5: Gold 10u"
6: Gold 15u"
- No. of contacts
1*1 - 1*40
2*1 - 2*40
- Series No.
DS1002-03



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

PROJECTION	TITLE
UNITS	H:7.00mm SIP IC SOCKET (MACHINE PIN) PITCH 2.54mm
SHEET SIZE	SERIES DS1002-03 SERIES

2	CONTACT		COPPER ALLOY	GOLD PLATED	DRAWING TYPE	CUSTOMER	
1	HOUSING		THERMOPLASTIC	UL 94 V-0	SCALE	1:1	SHEET 10F1
ITEM	PART NAME	PART NO.	MATERILAS	FINISHED	DRAWING NO.	C-DS1002-03-XXXX	

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/01/06'		

NOTES:

- ELECTRICAL:
 - Current rating: 3Amps/contact max.
 - Contact resistance: $\leq 20m\Omega$ /contact.
 - Insulation resistance: $\geq 1000M\Omega$ at $V=100V$.
 - Operating voltage: 60V AC/DC.

2. PRODUCT NUMBER CODE:

DS1002-07 - X X X X X

DIM L TYPE
 1: TYPE 1
 2: TYPE 2
 3: TYPE 3
 4: TYPE 4
 5: TYPE 5
 6: TYPE 6
 7: TYPE 7
 8: TYPE 8

CONTACT TYPE
 1: TYPE 1
 2: TYPE 2

CLIP PLATING
 1: Tin 150u"
 2: Tin 200u"
 3: G/F
 4: Gold 3u"
 5: Gold 10u"
 6: Gold 15u"

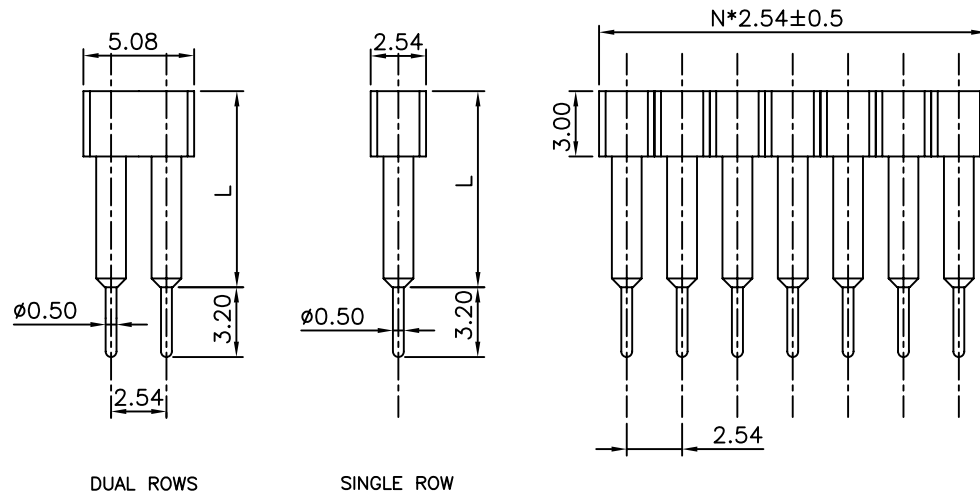
PIN PLATING
 1: Tin 150u"
 2: Tin 200u"
 3: G/F
 4: Gold 3u"
 5: Gold 10u"
 6: Gold 15u"

No. OF CONTACTS
 1*1 to 1*40
 2*2 to 2*40
 SERIES NO
 DS1002-07

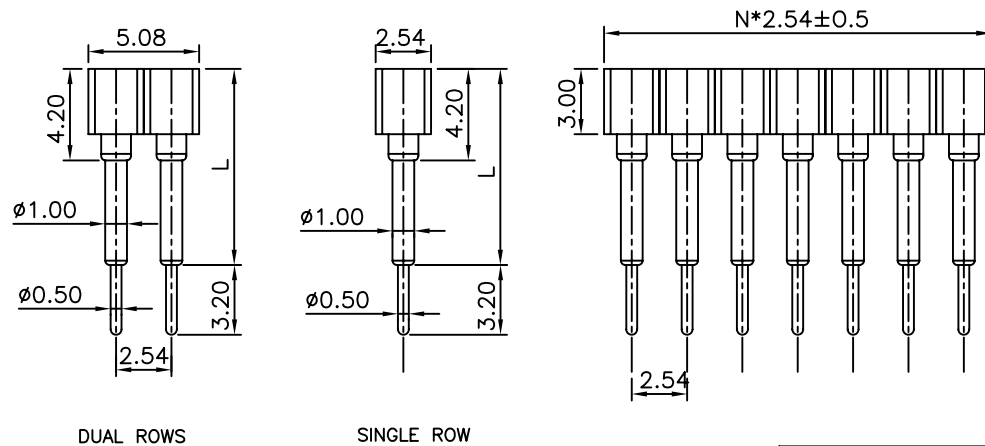
TABLE A

TYPE	DIMENSION (L)
1	6.00
2	7.00
3	8.00
4	9.00
5	10.00
6	11.00
7	12.00
8	14.60
9	

TYPE 1




TYPE 2



GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	± 0.60	X.	$\pm 5^\circ$
.X	± 0.38	.X	$\pm 3^\circ$
.XX	± 0.25	.XX	$\pm 2^\circ$

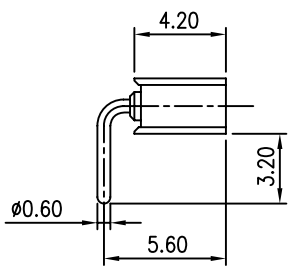
PROJECTION	TITLE
UNITS	SIP IC SOCKET PITCH 2.54mm MATING PIN $\phi 0.47$
SHEET SIZE	SERIES DS1002-07 SERIES

DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 10F1
DRAWING NO.	C-DS1002-07-XXXXX

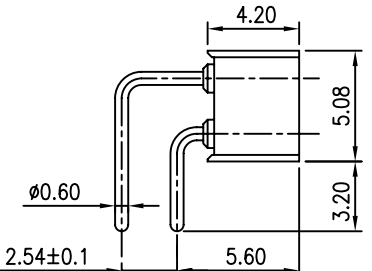
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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 07/01/06'		

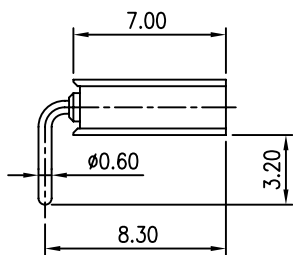
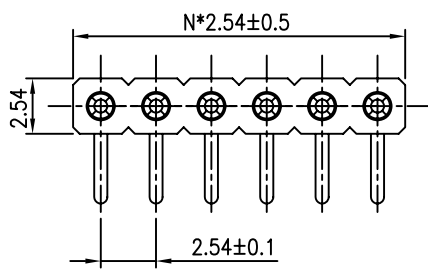
R/A TYPE



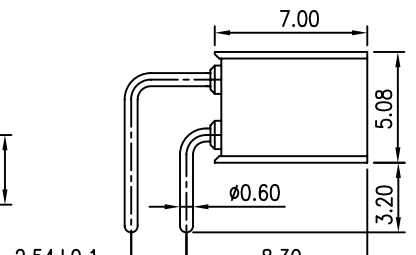
SINGLE ROW



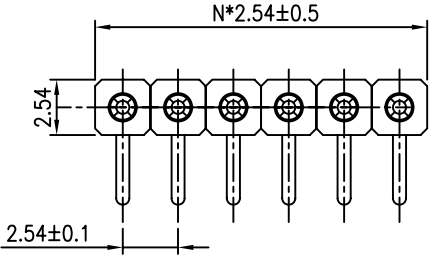
DUAL ROWS



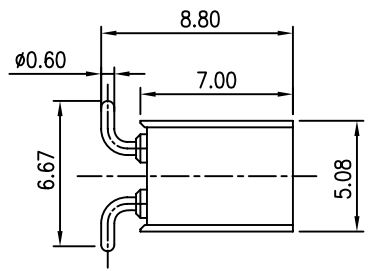
SINGLE ROW



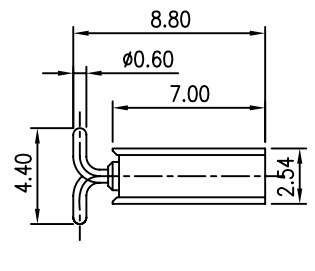
DUAL ROWS



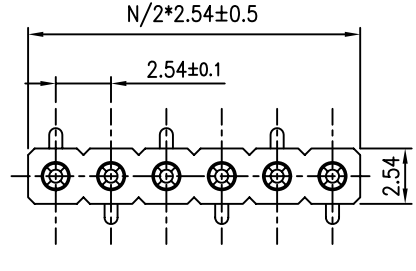
SMT TYPE



DUAL ROWS



SINGLE ROW



NOTES:

- ELECTRICAL:
 - Current rating: 3Amps/contact max.
 - Contact resistance: $\leq 20m\Omega$ /contact.
 - Insulation resistance: $\geq 1000M\Omega$ at $V=100V$.
 - Operating voltage: 60V AC/DC.

2. PRODUCT NUMBER CODE:

DS1002-08 - X X X X X

- Profile height
 - 420: 4.20mm
 - 700: 7.00mm
- CLIP PLATING OPTION
 - 1: Tin 150u"
 - 2: Tin 200u"
 - 3: G/F
 - 4: Gold 3u"
 - 5: Gold 10u"
 - 6: Gold 15u"
- PIN PLATING OPTION
 - 1: Tin 150u"
 - 2: Tin 200u"
 - 3: G/F
 - 4: Gold 3u"
 - 5: Gold 10u"
 - 6: Gold 15u"
- MOUNTING TYPE
 - R: R/A TYPE
 - S: SMT TYPE
- No. OF CONTACTS
 - 1*1 to 1*40
 - 2*2 to 2*40
- SERIES NO
 - DS1002-08

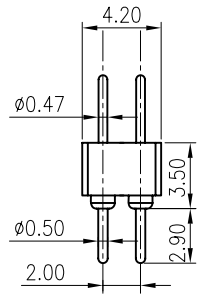
GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

PROJECTION	TITLE
	SMT & R/A IC SOCKET PITCH 2.54mm
UNITS	mm
SHEET SIZE	A4
SERIES	DS1002-08 SERIES

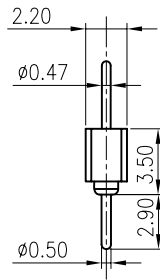
DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 10F1
DRAWING NO.	C-DS1002-08-XXXXX

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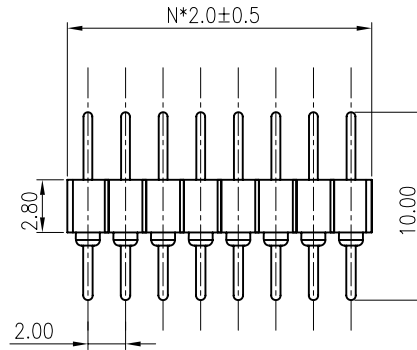
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 06/30/06'		



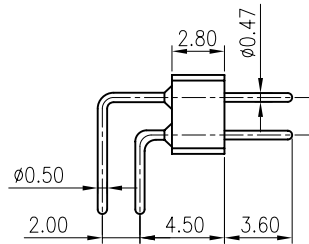
Dual ROWS



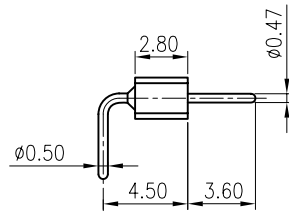
Single ROW



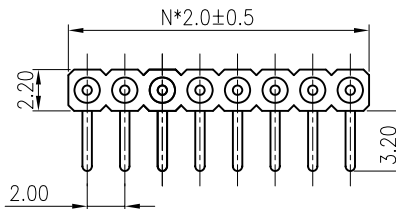
V/T TYPE



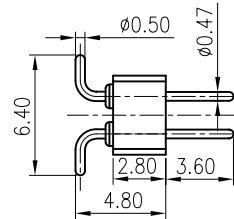
Dual ROWS



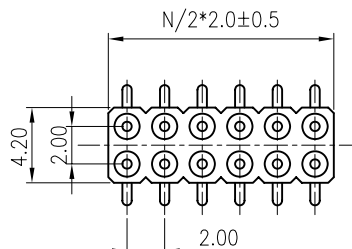
Single ROW



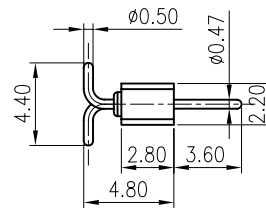
R/A TYPE



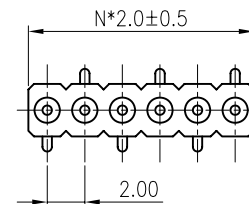
Dual ROWS



SMT TYPE



Single ROW



NOTES:

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

DS1004-01 - X X X X

Housing color
B: Black

Contact plating
1: Tin 150u"
2: Tin 200u"
3: G/F
4: Gold 3u"
5: Gold 10u"
6: Gold 15u"

Mounting type:
V: V/T TYPE
R: R/A TYPE
S: SMT TYPE


No.OF CONTACTS
1*1 - 1*40
2*1 - 2*40

SERIES No.
DS1004-01

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

PROJECTION	TITLE	DIP & SMT STRIPS ADAPTOR PITCH 2.00mm	
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1004-01 SERIES

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	10F1
DRAWING NO.	C-DS1004-01-XXXX		


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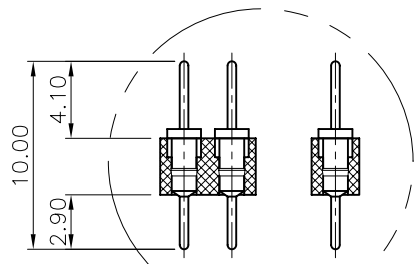
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 03/30/06'	~	LJC 03/30/06'
B	整理图纸	YCH 10/18/10'	~	

- 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: DS1004
 - PRODUCT NUMBER CODE:
DS1004 - X X X

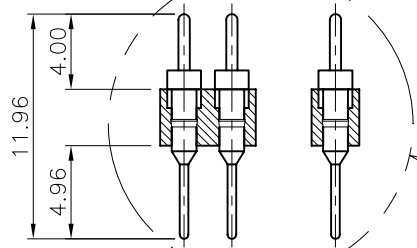
CONTACT TYPE
1: TYPE 1 3: TYPE 3
2: TYPE 2 4: TYPE 4

CONTACT PLATING
F1: Full GOLD FLASH

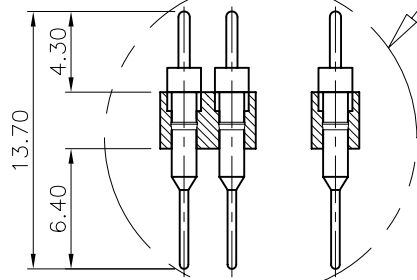
No.OF CONTACTS
1*1 - 1*40
2*1 - 2*40



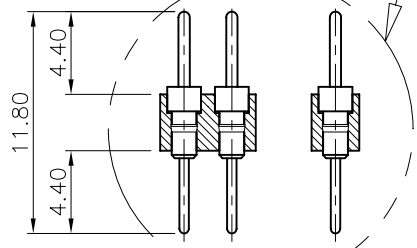
TYPE 1



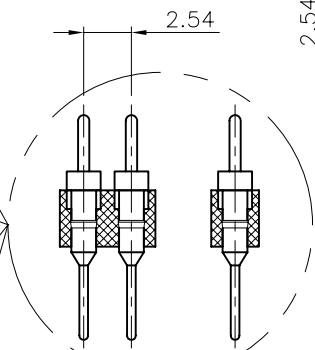
TYPE 2



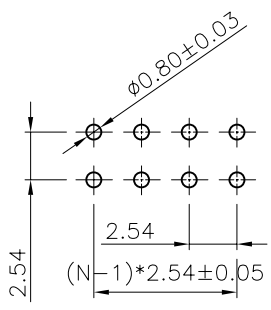
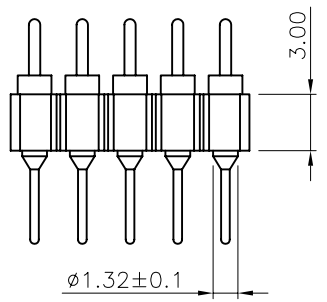
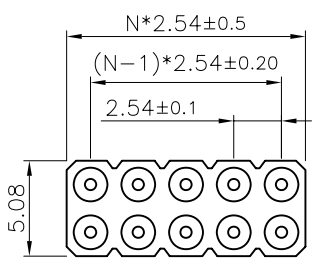
TYPE 3



TYPE 4

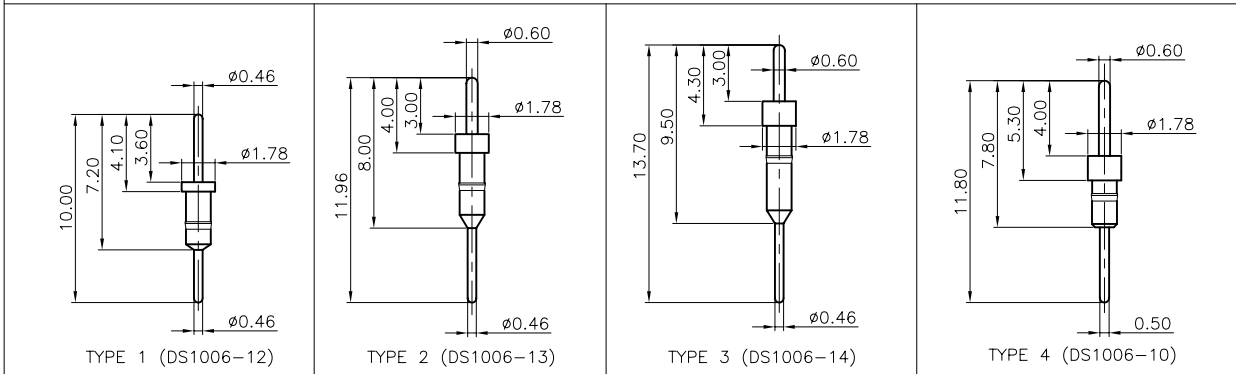


DUAL ROW SINGLE ROW




RECOMMEND PCB LAYOUT (TOLERANCE=±0.05)

TYPE1/2/3/4 DIA. (TOLERANCE=±0.05)



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE	
X.	±0.60	X.	±5°	UNITS	DIP STRIP ADAPTER PITCH 2.54mm	
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES DS1004 SERIES
.XX	±0.25	.XX	±2°	DRAWING TYPE CUSTOMER		
SCALE		1:1		SHEET 10F1		
DRAWING NO.		C-DS1004-XXX				

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 06/29/06'		

NOTES:

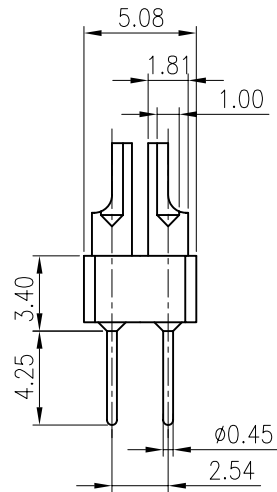
- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 20mΩ Max.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
 - INSULATION RESISTANCE: 1000MΩ Min.
- ENVIRONMENT CHARACTERISTICS:
 - TEMPERATURE: 0°C~+85°C.
- PRODUCT NUMBER CODE:

DS1004-02 - X X X

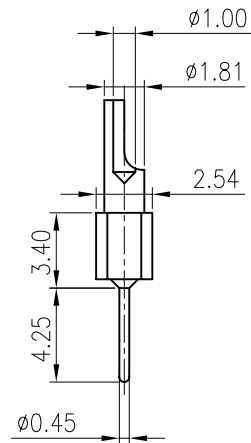
HOUSING COLOR
B: Black

CONTACT PLATING
1: Tin 150u''
2: Tin 200u''
3: G/F
4: Gold 3u''
5: Gold 10u''
6: Gold 15u''

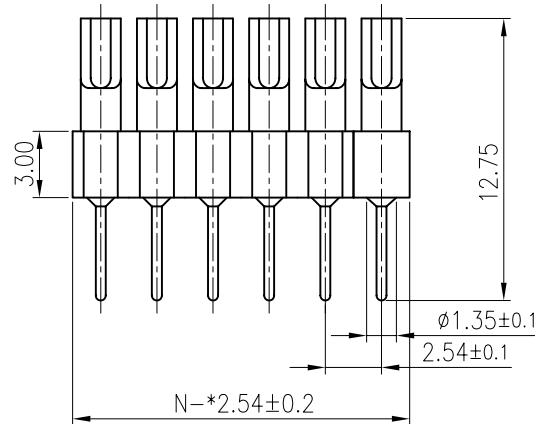
No.OF CONTACTS
1*1 - 1*40
2*1 - 2*40
SERIES No.
DS1004-02



Dual ROWS



Single ROW



GENERAL TOLERANCE

X. ±0.60
.X ±0.38
.XX ±0.25

ANGLE TOLERANCE

X. ±5'
.X ±3'
.XX ±2'

PROJECTION



TITLE

PCB HEADER STRIPS PITCH 2.54mm
SOLDER TYPE

UNITS

mm

SHEET SIZE

A4

SERIES

DS1004-02 SERIES

DRAWING TYPE

CUSTOMER

SCALE

1:1

SHEET

10F1

DRAWING NO.

C-DS1004-02-XXX



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