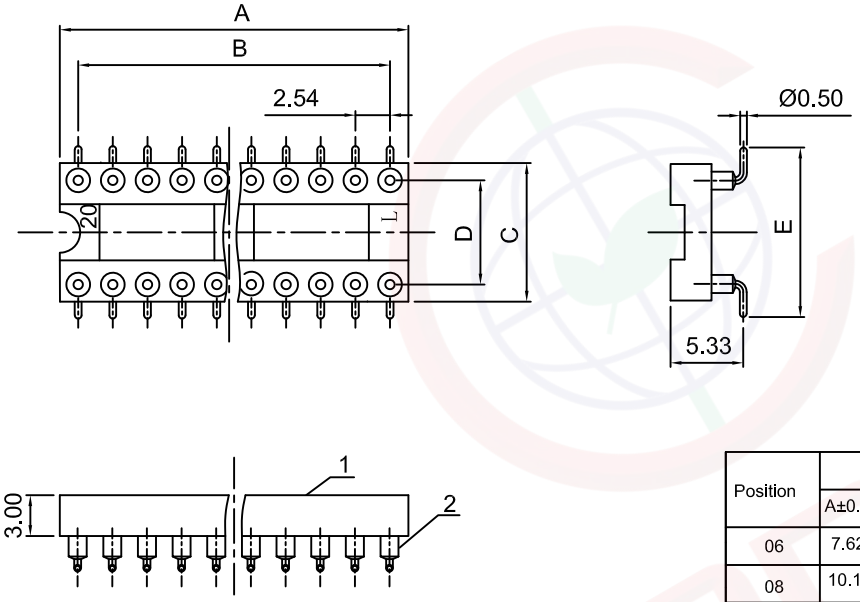
Dept	Qty
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 05/24/05'		LJC 05/24/05'
B	DRAWING UPDATE	JLZ 07/21/18'		



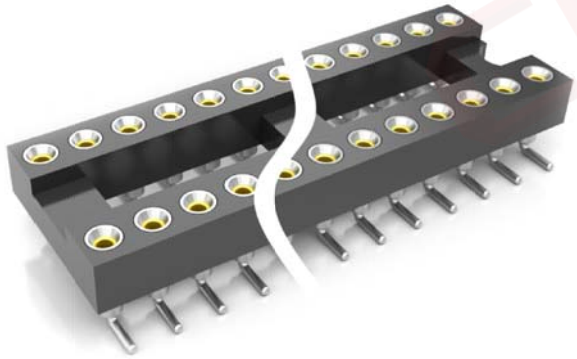
NOTES:

1. ELECTRICAL CHARACTERISTICS:
   - 1.1 CONTACT RESISTANCE: 20mΩ Max. INITIAL.
   - 1.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
   - 1.3 INSULATION RESISTANCE: 1000MΩ Min.
2. ENVIRONMENT CHARACTERISTICS:
   - 2.1 TEMPERATURE: -40°C~+105°C.
3. PART NUMBER: DS1001-02
4. PRODUCT NUMBER CODE:

DS1001–02 – X X X X

- 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"
- Width
  - N: 7.62mm
  - W: 15.24mm
- No. of contacts
  - 06 08 12 14 16 18
  - 20 24 28 32 40

Position	Dimension				
	A±0.5	B±0.2	C	D±0.2	E±0.3
06	7.62	5.08	10.16	7.62	12.42
08	10.16	7.62	10.16	7.62	12.42
12	15.24	12.70	10.16	7.62	12.42
14	17.78	15.24	10.16	7.62	12.42
16	20.32	17.78	10.16	7.62	12.42
18	22.86	20.32	10.16	7.62	12.42
20	25.40	22.86	10.16	7.62	12.42
24	30.48	27.94	10.16	7.62	12.42
28	35.56	33.02	10.16	7.62	12.42
24	30.48	27.94	17.78	15.24	20.04
28	35.56	33.02	17.78	15.24	20.04
32	40.64	38.10	17.78	15.24	20.04
40	50.80	48.26	17.78	15.24	20.04



(Series Image-Reference Only)

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

ITEM	PART NAME	PART NO.	MATERILAS	FINISHED
2	CONTACT		COPPER ALLOY	GOLD PLATED
1	HOUSING		THERMOPLASTIC	UL 94 V–0

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C–DS1001–02–XXXXX–B		

PROJECTION		TITLE	SMT IC SOCKET PITCH 2.54mm(0.100")
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1001–02 SERIES

晨翔电子有限公司

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