

Specifications

Electrical

Voltage Rating: 30V(DC)

Current Rating: 0.5A AC,DC (AWG#32)

0.2A AC,DC (AWG#36)

Contact Resistance: Initial value/20m Ω max

After environmental testing/40m Ω max

Dielectric Withstanding Voltage: 200V AC/1minute

Insulation Resistance: 100M Ω min

Material

Circuits: 2~20;and 22

Insulator: Polyamide, UL 94V-0

Temperature Range: -25°C~+85°C(including temperature rise in applying electrical current)

Housing: Polyamide, UL94V-0, natural

Contact: copper alloy, tin-plated

Applicable wire :AWG#32,#36

Insulation O.D./0.41~0.39 mm

Poles	Dimension mm (in.)		Part No.	Note.
	A	B		
2	0.8(.031)	2.4(.094)	SUR-SI32-02	
3	1.6(.063)	3.2(.126)	SUR-SI32-03	
4	2.4(.094)	4.0(.157)	SUR-SI32-04	
5	3.2(.126)	4.8(.189)	SUR-SI32-05	
6	4.0(.157)	5.6(.220)	SUR-SI32-06	
7	4.8(.188)	6.4(.254)	SUR-SI32-07	
8	5.6(.220)	7.2(.283)	SUR-SI32-08	
9	6.4(.251)	8.0(.315)	SUR-SI32-09	
10	7.2(.283)	8.8(.347)	SUR-SI32-10	
12	8.8(.346)	10.4(.409)	SUR-SI32-12	
14	10.4(.409)	12.0(.472)	SUR-SI32-14	
15	11.2(.441)	12.8(.504)	SUR-SI32-15	
16	12.0(.472)	13.6(.535)	SUR-SI32-16	
17	12.8(.504)	14.4(.567)	SUR-SI32-17	
20	15.2(.598)	16.8(.661)	SUR-SI32-20	

RoHS Compliant

TOLERANCES ARE

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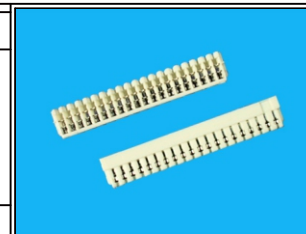
UNIT/mm SCALE 1:1

DATE

SIZE A4

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

PJECTION



ORDER INFORMATION

SUR-SI32-xx-LF

SERIES | LEADFREE  
02~20WAY  
32 AWG  
SOCKET/IDC

DESCRIPTION: SUR0.8mm Wire to Board HOUSING