



RECOMMENDED P.C. BOARD PATTERN DIM.

**Specifications**  
**Electrical**  
 Voltage Rating: 30V(DC)  
 Current Rating: 0.5A AC,DC (AWG#32)  
 0.2A AC,DC (AWG#36)  
 Contact Resistance: Initial value/20mΩmax  
 After environmental testing/40mΩmax  
 Dielectric Withstanding Voltage: 200V AC/1minute  
 Insulation Resistance: 100MΩmin  
**Material**  
 Circuits: 2~20;and 22  
 Insulator: Polyamide, UL 94V-0  
 Temperature Range: -25℃~+85℃(including temperature rise in applying electrical current)  
 Wafer: Polyamide, UL94V-0, natural  
 Contact: copper alloy, tin-plated  
 Solder tad: Brass, tin-plated

SUR-W-xx-LF  
 LEADFREE

RoHS Compliant

Poles	Dimension mm (in.)		Part No.	Note.
	A	B		
2	0.8(.031)	3.8(.150)	SUR-W-02	Q'ty/reel=2000pcs
3	1.6(.063)	4.6(.181)	SUR-W-03	
4	2.4(.094)	5.4(.213)	SUR-W-04	
5	3.2(.126)	6.2(.244)	SUR-W-05	
6	4.0(.157)	7.0(.276)	SUR-W-06	
7	4.8(.188)	7.8(.307)	SUR-W-07	
8	5.6(.220)	8.6(.339)	SUR-W-08	
9	6.4(.251)	9.4(.370)	SUR-W-09	
10	7.2(.283)	10.2(.401)	SUR-W-10	
11	8.0(.314)	11.0(.432)	SUR-W-11	
12	8.8(.346)	11.8(.463)	SUR-W-12	
13	9.6(.377)	12.6(.495)	SUR-W-13	
14	10.4(.409)	13.4(.528)	SUR-W-14	
15	11.2(.441)	14.2(.559)	SUR-W-15	
16	12.0(.472)	15.0(.591)	SUR-W-16	
17	12.8(.504)	15.8(.622)	SUR-W-17	
18	13.6(.536)	16.6(.654)	SUR-W-18	
19	14.4(.567)	17.4(.686)	SUR-W-19	
20	15.2(.598)	18.2(.717)	SUR-W-20	
22	16.8(.661)	19.8(.780)	SUR-W-22	

**MORETHANALL**  
 CONNECTORS  
 ASSEMBLIES

煜倫股份有限公司

PART NO. SUR-W-xx	
DWG NO. SUR-W-xx	CHECKED BY CY
FILE NO.	DRAWING BY
UNIT / mm	SCALE 1:1

CHECKED BY CY	TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG
DRAWING BY	
PROJECTION	

DESCRIP TION:	SUR0. 8mm Wire to Board Wafer SMT 90°			
	AREA	REVISIONS	HK	DATE