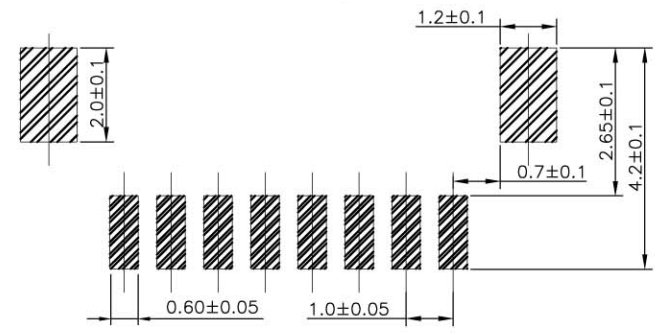


Specifications:
 Current Rating:1.0A AC/DC
 Voltage Rating:50V AC/DC
 Contact Resistance:20m ohm. Max.
 Insulation Resistance:100M ohm. Min.
 Withstanding Voltage:500V AC For One Minute
 Operating Temperature Range:-25°C ~ +85°C
 Material and Finish
 Insulator:High Temp. Plastic (Nylon 46 UL 94V-0)
 Insulator Color: Natural(White)
 Contact:Phosphor Bronze
 Plated: Tin Plated
 How To Order
 1600S-XX-SM

SMT Type
 No. of Positions
 S: Straight



Recommended PCB Layout

RoHS Compliant

Poles	Dimension mm (in.)		Poles	Dimension mm (in.)	
	A	B		A	B
2	1.0(0.039)	4.0(0.157)	10	9.0(0.354)	12.0(0.472)
3	2.0(0.079)	5.0(0.197)	11	10.0(0.394)	13.0(0.512)
4	3.0(0.118)	6.0(0.236)	12	11.0(0.433)	14.0(0.551)
5	4.0(0.157)	7.0(0.276)	13	12.0(0.472)	15.0(0.591)
6	5.0(0.197)	8.0(0.315)	14	13.0(0.512)	16.0(0.630)
7	6.0(0.236)	9.0(0.354)	15	14.0(0.551)	17.0(0.669)
8	7.0(0.276)	10.0(0.394)	20	19.0(0.748)	22.0(0.866)
9	8.0(0.315)	11.0(0.433)			

E	06-MAY-2009	ECN-TW090502	Allen	DRAWN: Allen	GENERAL TOLERANCE: .X=±0.2 .XX=±0.15	DESCRIPTION: 1.0mm Wire-to-Board Wafer SMT Top Entry	SIZE A4
D	30-MAY-2008	ECN-TW080507	Allen				
C	02-Fcb-2004	ECN040201	Andy	CHECKED: Jerry Chen	UNIT: MM	PART NO: 1600S-XX-SM	
B	17-Nov-2003	ECN031101	Jeremy Liu		SCALE:		
A	31-Jul-2003	(PC0001)	Jeremy Liu	APPROVAL: Mike Wu	SHEET: 1 / 1		
REV	DATE	FILE	BY		PROJECTION:		