

# SUNRIDGE

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## 18614 SERIES

### 2.00MM(.079") CENTERLINE PRELOADED VERTICAL HEADER (HOUSING DISPOSABILITY FOR "ZERO PROFILE" ADVANTAGE)

#### PRODUCT FEATURES:

- High density 2.00MM (.079 ") spacing interconnection
- Standard .50MM (.020") square pin for smooth mating with receptacle and shunt
- Options in pin lengths for various PCB thickness and flexible circuitry applications
- Options available in selective pin loading for polarization
- Housings options: GF PBT (UL 94V-0) for regular wave soldering, or GF PCT (UL 94V-0) for vapor phase or IR application.
- Adequate pin-to-housing preload force for easy removal of housing after soldering. Housing disposability features an "zero-profile" advantage for condensed board-to-board spacing designs

#### MATERIAL:

- Housing: GF PBT(UL 94-0), or  
GF PCT(UL 94-0) for high temp IR soldering
- Pin: copper alloy, gold plated

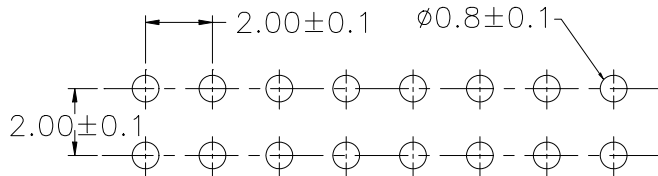
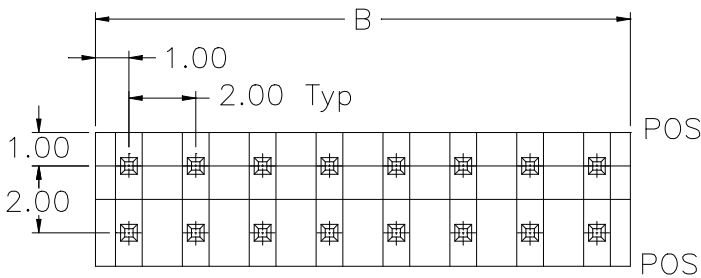
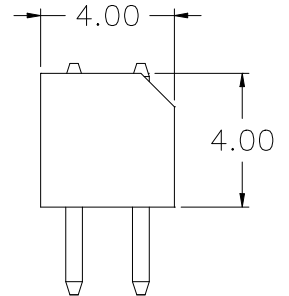
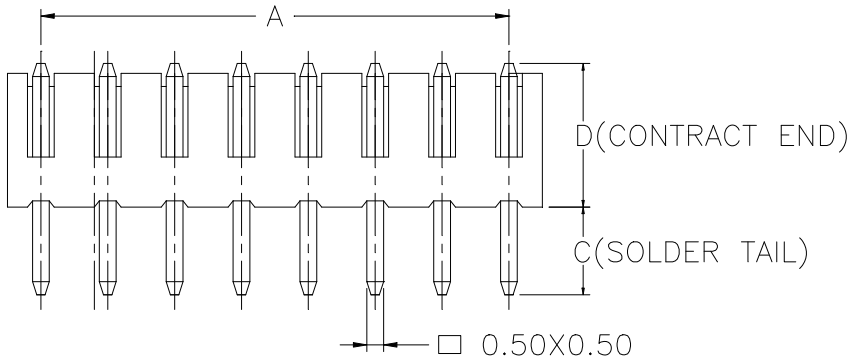
#### PERFORMANCE CHARACTERISTICS:

- Current Rating: 2 Amps DC  
Voltage Rating: 200 VAC/DC  
Contact Resistance: 20 Milliohms max.  
Insulation Resistance: 1000 Megohm min  
Operating Temperature: -55°C to +125°C

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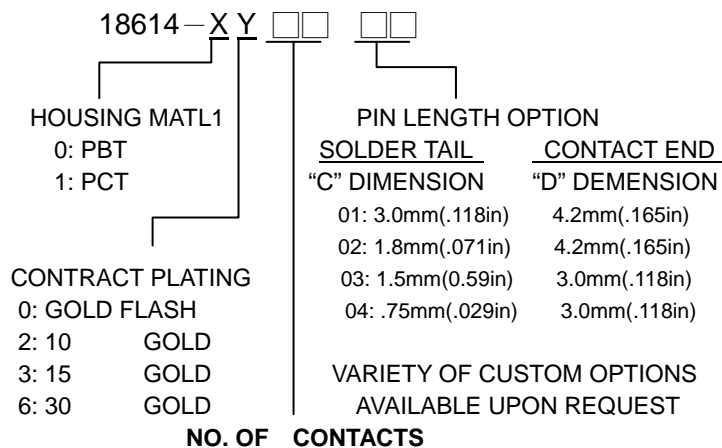
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RECOMMENDED PCB LAYOUT

#### P/N DESIGNATION



PRODUCT NO	POS	A	B
18614-XY04--□□	2x2	2(.079)	4(.157)
18614-XY06--□□	2x3	4(.157)	6(.236)
18614-XY08--□□	2x4	6(.236)	8(.315)
18614-XY10--□□	2x5	8(.315)	10(.394)
18614-XY12--□□	2x6	10(.394)	12(.472)
18614-XY14--□□	2x7	12(.472)	14(.551)
18614-XY16--□□	2x8	14(.551)	16(.630)
18614-XY18--□□	2x9	16(.630)	18(.709)
18614-XY20--□□	2x10	18(.709)	20(.787)
18614-XY22--□□	2x11	20(.787)	22(.866)
18614-XY24--□□	2x12	22(.866)	24(.945)
18614-XY26--□□	2x13	24(.945)	26(1.024)
18614-XY28--□□	2x14	26(1.024)	28(1.124)
18614-XY30--□□	2x15	28(1.124)	30(1.181)
18614-XY32--□□	2x16	30(1.181)	32(1.260)
18614-XY34--□□	2x17	32(1.260)	34(1.339)
18614-XY36--□□	2x18	34(1.339)	36(1.417)
18614-XY38--□□	2x19	36(1.417)	38(1.496)
18614-XY40--□□	2x20	38(1.496)	40(1.575)
18614-XY42--□□	2x21	40(1.575)	42(1.654)
18614-XY44--□□	2x22	42(1.654)	44(1.732)
18614-XY46--□□	2x23	44(1.732)	46(1.811)
18614-XY48--□□	2x24	46(1.811)	48(1.890)
18614-XY50--□□	2x25	48(1.890)	50(1.969)
18614-XY52--□□	2x26	50(1.969)	52(2.047)
18614-XY54--□□	2x27	52(2.047)	54(2.126)
18614-XY56--□□	2x28	54(2.126)	56(2.205)
18614-XY58--□□	2x29	56(2.205)	58(2.283)
18614-XY60--□□	2x30	58(2.283)	60(2.362)