



#### Performance characteristics:

##### 1.Main body part material

Insulator: PBT BLACK UL94V-0

Shroud housing: PBT BLACK UL94V-0

Terminal: Phosphor bronze, 1.27μm Ni under plated,  
outer plating see part number rule

Cover: Zinc alloy, Sn plated over all.

Cable clamp: Steel, Sn plated over all.

Screw: Stainless steel

##### 2.Electrical requirements:

Current rating: 1A

①Contact resistance: ≤20 mΩ

Insulation resistance: ≥500 MΩ

②Withstanding voltage: PIN TO PIN: 1000 Vr.m.s, 1mA, 60s

PIN TO Ground: 1500 Vr.m.s, 1mA, 60s

##### 3.Mechanical requirements

Insertion force: ≤0.75 N/pin

Extraction force: ≥0.15 N/pin

Wire gauge: AWG24/26; AWG28/30

##### 4.Environment specification

Working temperature: -55℃~+125℃

##### 5.Applicable standard: IEC61076-4-104

##### 6.Packing & storing

Method of packing: Tray, inner box, outer box

Storing condition: temperature of -10℃~+40℃  
below 80% relative humidity

##### 7.Style of installation: IDC Installation

##### 8.To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS.

1811 - 416 - X X - 1											
Series code		Terminal number		Wire gauge		Plating code			Terminal assembly		
Code		Definition		Code		Definition		Code		Definition	
416		4*16		5		AWG24/26		1		Full	
				6		AWG28/30		7		Au 0.38 μm	
								8		Au 0.76 μm	
								E		PdNi 0.38 μm+Gold Flash	
								F		PdNi 0.76 μm+Gold Flash	
										Sn	
										X	
										Customized	

Unless otherwise specified tolerance:

X.	±0.50	X.°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

				SL0.1811.103			
				Projection	Rev.	Weight	Scale
				⊕	A1		
				All Dimensions in mm Sheet 1 of 1			
				SHINNING SHENZHEN SHINNING ELECTRONIC CO.LTD.			

①	2	PCN-201411021	Lawrence	2014.11.25
Mark	NO.	File NO.	Signature	Date
DRAW			Lawrence 2012.07.20	
CHK				
MAN				
STD				
APP				

2.00mm 4\*16 IDC Cable CONN.  
30° CABLE PULL ON

1811-416-XX-1