



#### 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

Contact resistance: ≤50 mΩ

Insulation resistance: ≥5000 MΩ

Withstanding voltage: 1000 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: bag, 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		1		AWG24/26		1		PBT BLACK UL94V-0
						2		AWG28/30		X		Customized
						7		Au 0.38 μm		Sn		
						8		Au 0.76 μm				
						E		PdNi 0.38 μm+Gold Flash				
						F		PdNi 0.76 μm+Gold Flash				

Unless otherwise specified tolerance:

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

Mark	NO.	File NO.	Signature	Date	2.00mm 4*16 IDC Cable CONN.	SL0.1811.105			
DRAW			Lawrence	2013.10.09		Projection	Rev.	Weight	Scale
CHK							A0		
MAN						All Dimensions in mm Sheet 1 of 1			
STD					1811-416-XX-1	SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			
APP									