

Technical drawing of a 16-pin connector showing top, side, and detail views with dimensions.

Top View Dimensions:

- Overall width: $1.27 \times N + 3.44$
- Pin pitch (center-to-center): $1.27 \times N - 1.27$
- Pin width: 1.27
- Overall length: $1.27 \times N + 2.14$

Side View Dimensions:

- Overall height: 5.00
- Pin height: 3.00
- Pin diameter: 2.20

Detail View Dimensions:

- Pin pitch (center-to-center): $1.27 \times N - 1.27$
- Pin width: 1.27
- Pin height: 2.54
- Pin diameter: PIN0.40*0.72
- Overall length: $1.27 \times N + 0.85$
- Overall height: 1.50



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 03/11/11'		LJC 03/11/11'
B	DRAWING UPDATE	JLZ 08/27/18'		

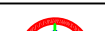
1. Material

- 1.1 Insulator: Thermoplastic (UL 94V-0).
1.2 Contact: Copper alloy.

- 2.1 Temperature range:-40°C~+105°C.
- 2.2 Contact resistance:30mΩ max.
- 2.3 Insulation resistance:1000MΩ min.
- 2.4 Dielectric withstanding voltage:AC 500V
per minute.
- 2.5 Voltage rating: 100V AC/DC.
- 2.6 Current rating: 1.5A Max.

DS1015-01- X X X

- Contact plating
2: Nickel + Gold flash
6: Full matt tin
8: Full gold flash
- Housing color
R:Red
- No. of contacts
04 06 08 10 12
14 16 18 20 24

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	MICRO MATCH
X.	±0.60	X.	±5°	UNITS	mm		MALE ON WIRE CONNECTOR
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1015-01 SERIES
.XX	±0.25	.XX	±2°	 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD			
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	1 OF 1				
DRAWING NO.	C-DS1015-01-XXX-B						