

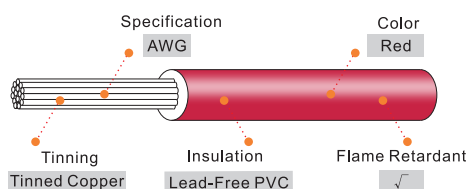
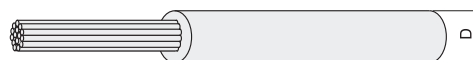
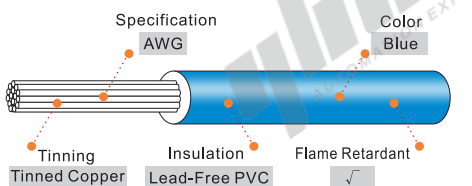
Code	Type	Conductor	Insulator Material
ZIF12	American Standard-UL1007	Tinned Copper	Lead-Free PVC
ZIF13	American Standard-UL1005		

UL



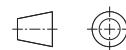
Feature

- Using for internal wiring of general electronic and electrical equipment;
- Applied standards: UL758, UL1581 and CSA C22.2 No.210.2;
- Passed UL VW-1 and CAS FT1 vertical fire resistance test.



Sell by

Roll



The first perspective

American Standard-UL1007

Part Number		Color	D Wire Outside Diameter	Conductor Structure (Piece/mm)	Allowable Current (A)	Insulator Thickness (mm)	Maximum Conductor Resistance $\Omega/\text{km}20^{\circ}\text{C}$	Insulation Properties MQ/km Above 20°C	Withstand Voltage V/min	Rated Voltage V	Rated Temperature $(^{\circ}\text{C})$	Length (m/Roll)
Code	Conductor AWG (mm^2)											
ZIF12	24(0.2)	R(Red) Y(Yellow)	1.43	11/0.16	4		88.9	10	2000	300	80	610 Sold in Rolls
	22(0.3)	BE(Blue) BK(Black)	1.58	17/0.16	5	0.41	57.5					
	20(0.5)	W(White) O(Orange)	1.76	21/0.18	7		34.6					

American Standard-UL1005

Part Number		Color	D Wire Outside Diameter	Conductor Structure (Piece/mm)	Allowable Current (A)	Insulator Thickness (mm)	Maximum Conductor Resistance $\Omega/\text{km}20^{\circ}\text{C}$	Insulation Properties MQ/km Above 20°C	Withstand Voltage V/min	Rated Voltage V	Rated Temperature $(^{\circ}\text{C})$	Length (m/Roll)
Code	Conductor AWG (mm^2)											
ZIF13	18(0.75)	R(Red) Y(Yellow)	2.76	34/0.18	13		23.2	50	2000	600	105	305 Sold in Rolls
	16(1.25)	BE(Blue) BK(Black)	3.08	26/0.254	18	0.79	14.6					
	14(2.0)	W(White) O(Orange)	3.46	41/0.254	23		8.96					

Current Reduction Factor

Ambient Temperature $^{\circ}\text{C}$	35	40	45	50	55	60	65	70
Current Reduction Factor	0.94	0.89	0.83	0.77	0.7	0.63	0.54	0.44



Please order as shown

Part Number		
Code	Conductor AWG (mm^2)	Color
ZIF12	24	R(Red)
	22	Y(Yellow)

ZIF12-24-R

- ① Explanation of current coefficient: When the ambient temperature is above 30°C , multiply the above current reduction coefficient by the allowable current.