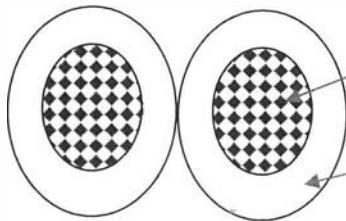
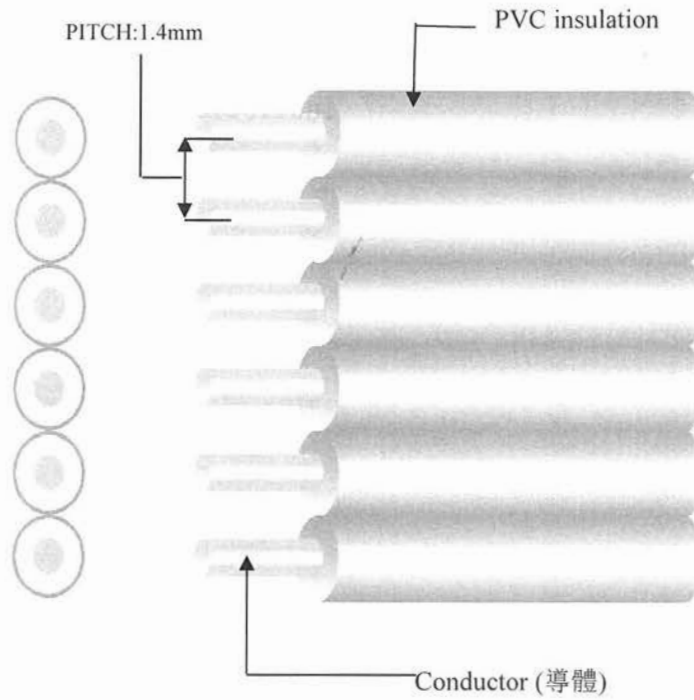




TIANGXI
COMPONENTS

LEOCOM 24 PVC		Part name:	L225-24-8P
cross section		construction	
		Conductor	TS
		wire gauge	24AWG
		conductor stranded ($\pm 0.007\text{mm}$)	11/0.16
		strand OD (mm)	0.61
		insulation	PVC
		insulation Thickness (mm)	0.4
		minimum at any point	0.36
		OD ($\pm 0.04\text{mm}$)	1.4
		width ($\pm 0.1\text{mm}$)	见下页
		weight (kg/km)	3.84* nP
performance			
electrical characteristic			
Dielectric strength (kV/min)	no breakdown	2.0	
DC resistance 20°C (Ω/km)		94.2	
Ins. resistance (Min. $\text{M}\Omega/\text{km}$, 15.6°C)		0.75	
mechanical characteristic			
testing object:		Insulation	
material		PVC	
tensile strength before ageing Mpa)		≥ 10.3	
elongation before ageing (%)		≥ 150	
Ageing condition (°C)		113 $\pm 2^\circ\text{C} \times 168\text{hour}$	
tensile strength after ageing (Mpa)		$\geq 70\%$ (original)	
elongation after ageing (%)		$\geq 50\%$ (original)	
Heat transformation (121 $\pm 1^\circ\text{C} \times 1\text{hr}$)		250g : $\leq 50\%$	
cold bend (-20 $\pm 2^\circ\text{C} \times 4\text{hr}$)		No cracking	
heat Shock (136 $\pm 1^\circ\text{C} \times 1\text{hr}$)		No cracking	
description of products			
Rating voltage (V)		300	
Rated temperature (°C)		80	
certification by		UL	
Flame test		VW-1/FT-1	
Use	Internal wiring of appliances		
Reference standard			
UL758, UL1581 & CSA C22.2 No. 210.2, IEC60754-2			
colour			
Insulation :			
Flat cable Red, orange, yellow, green, blue, purple, gray, white			
packing			
Manner	roller	quantity	610m/r
Customer no. :		Customer name :	
update record			
Spec no. :	L225-24-8P	Rev. :	A1
Prepared by:	Checked by : J. Lo		
Date:	2021/6/12		



No. of conductors	width of insulation(mm)	No. of conductors	width of insulation(mm)
2		14	
3		15	
4		16	
5		17	
6		18	
7		19	
8	11.2	20	
9		21	
10		22	
11		23	
12		24	
13		25	