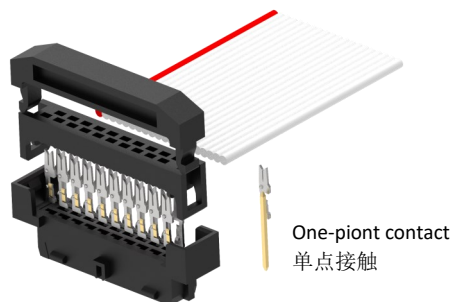
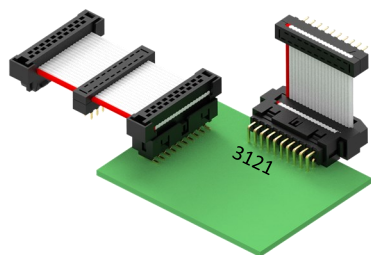


5226 Series (Mating with 3121 series) 5226系列 (互配系列: 3121)

2.00mm pitch/Wire-to-board/IDC Style 2.00mm间距/线到板连接器/刺破式



Overview

5226 is a connector with a double row spacing of 0.07874 inches (2.00mm) and a row spacing of 0.07874 inches (2.00mm). The terminals are designed with insulation displacement (IDC) and single contact point contact. It is equipped with a folding cover to provide two outlet methods. Its advantage is to simplify the assembly process and reduce assembly costs. It is an efficient wire-to-board connection solution.

Features and Benefits

- 8 to 50 circuit available
- IDC design, reduce labor, assembly costs
- Boss anti-fool design ensures correct matching

Product Applications

- Industrial: Automation equipment, industrial control
- Energy storage: power system, photovoltaic system
- Household appliances: smart home, printer

Standard 标准

- EIA-364

Material 材料

Part/零件	Material/材料	Finish/电镀	Fire rating/防火等级
Housing/主体	PBT	Black/黑色	UL94V-0
Cover/中盖	PBT	Black/黑色	UL94V-0
Terminal/端子	phosphor bronze 磷铜 (C5191)	Nikel over all, Au on Contact area 镍底, 接触区镀金	-

Model number allocation 型号命名

5225 - XX U P XX B W 01
(1) (2) (3) (4) (5) (6) (7) (8)

(1) Series (系列): 2.00*2.00 mm IDC

(2) Circuit (位数): 06=6, 20=20P...50=50P

(3) Terminal type (端子形态): Y type

(4) Terminal material (端子材质): phosphor bronze

(5) Plating (电镀): S0=Gold Flash/Ni、S3=10u"Au/Ni、S4=15u"Au/Ni

(6) Color (颜色): B=Black

(7) Housing Bump (塑胶凸台): W:with bump, N:W/O bump

(8) Internal code (流水码)

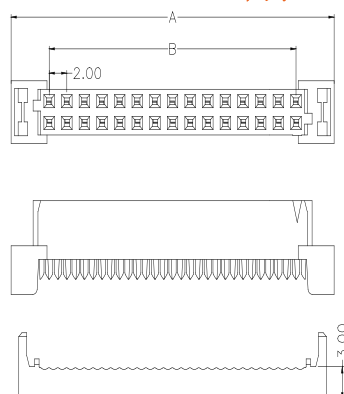
5226 Series

Production Specifications 产品规格

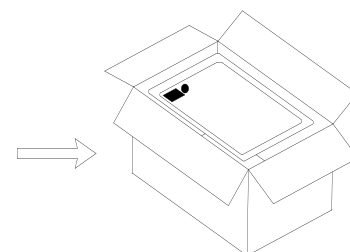
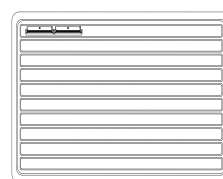
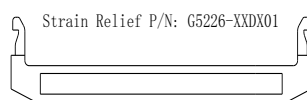
Current rating 额定电流	2.0 A	Operating Temperature Range:-40° C~+105° (including temperature rise) Operating Humidity Range:20-80% 工作温度范围: -40° C~+105° C(含温升) 工作湿度范围: ≤80%	Storage Teroerature: Operating Humidity: 储存温度: 25±5° C 储存湿度: ≤60%
Voltage rating 额定电压	200V		

Item 项目	Condition 条件	Specification 规格
Insulation Resistance 绝缘电阻	Measured at 500V DC for 1 minute 测试电压: 500V DC/1分钟	No less than 1,000M Ω 不少于1000MΩ
Withstanding voltage 耐电压	Measured at 500V AC for 1 minute 测试电压: 500V AC/1分钟	No breakdown, no discharge, leakage current <0.5mA 无击穿、无放电、漏电流<0.5mA
Contact Resistance 接触电阻	Measured at 1mA and no higher than 20mV 用20 mV DC进行测量	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下
Vibration Resistance 抗振动	Frequency : 50 ~ 2000 Hz PSD value : 5.35 Gms minimum Duration : 15 minutes/axis Times : Each of three mutually perpendicular planes. 频率: 50 ~ 2000 Hz PSD : 5.35Grms Min 时长: 15分钟/轴 次数: 3次	No electrical discontinuity of 1μsorgreater 试验过程中未发生1μs瞬断现象, 且外观无损伤, 电气性能正常
Humidity (Steady state) 湿度	Temperature : 25~65°C Humidity: 90 ~95% (R.H) Duration : 96 hours 温度: 25~65° C 湿度: 90 ~95% (R.H) 时间: 96小时	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下 测试后 30 mΩ 以下
Salt Spry 盐雾	Temperature:35#2°C Humidity:95~98%(R.H) PHValue : 6.5 ~ 7.2 Duration : 24hours(Gold area) 温度: 35±2° C 湿度: 95~98%(R.H) PH值: 6.5~7.2 时间: 24小时	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下 测试后 30 mΩ 以下
Durability(Mating/un-mating) 插拔寿命	500 cycles 循环500次	Contact resistance: Initial value/ 20 mo max After environmental tests/ 40 mo max. 接触电阻: 初始值 20 mΩ 以下 测试后 30 mΩ 以下

Dimensions 尺寸



Package 包装



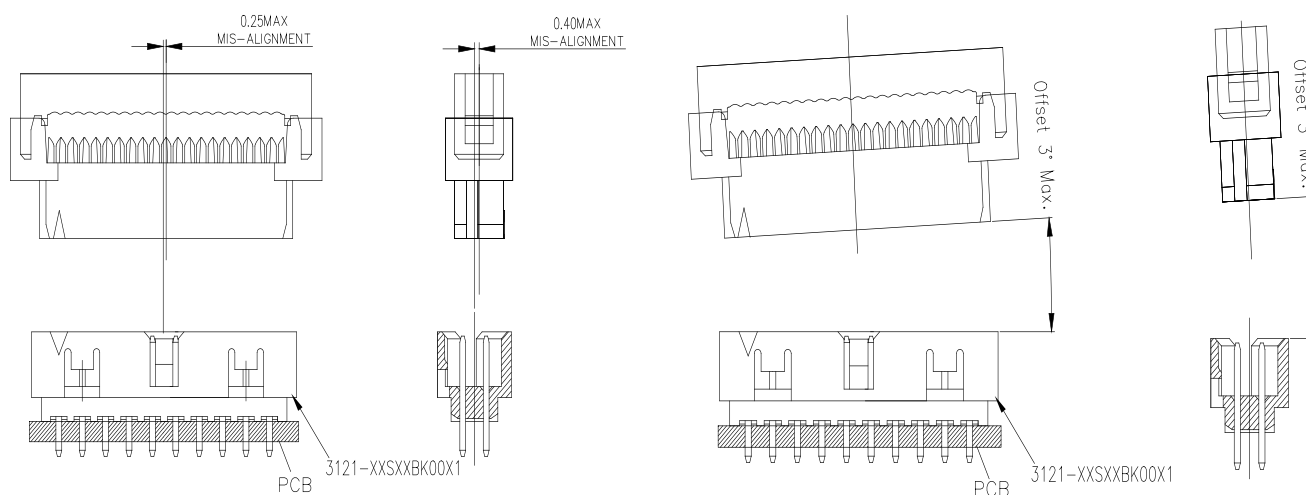
Ordering Information 订购信息

Circuit 芯数	Part number 型号	Dimensions 尺寸 (mm)		Parkage 包装		Remake 可量产状态
		A	B	Q'ty/Tray 只/盒装	Q'ty/Box 只/外箱	
8	5226-08YPXXBW01	14.65	6.00	180	4500	*
10	5226-10YPXXBW01	16.65	8.00	160	4000	*
14	5226-14YPXXBW01	20.65	12.00	130	3250	*
16	5226-16YPXXBW01	22.65	14.00	120	3000	*
20	5226-20YPXXBW01	26.65	18.00	100	2500	*
22	5226-22YPXXBW01	28.65	20.00	90	2250	*
26	5226-26YPXXBW01	32.65	24.00	80	2000	*
28	5226-28YPXXBW01	34.65	26.00	70	1750	*
30	5226-30YPXXBW01	36.65	28.00	70	1750	*
34	5226-34YPXXBW01	40.65	32.00	60	1500	*
40	5226-40YPXXBW01	46.65	38.00	50	1250	*
44	5226-44YPXXBW01	50.65	42.00	50	1250	*
50	5226-50YPXXBW01	56.65	48.00	40	1000	*

Note: * stands for mass production . 注: *代表可量产

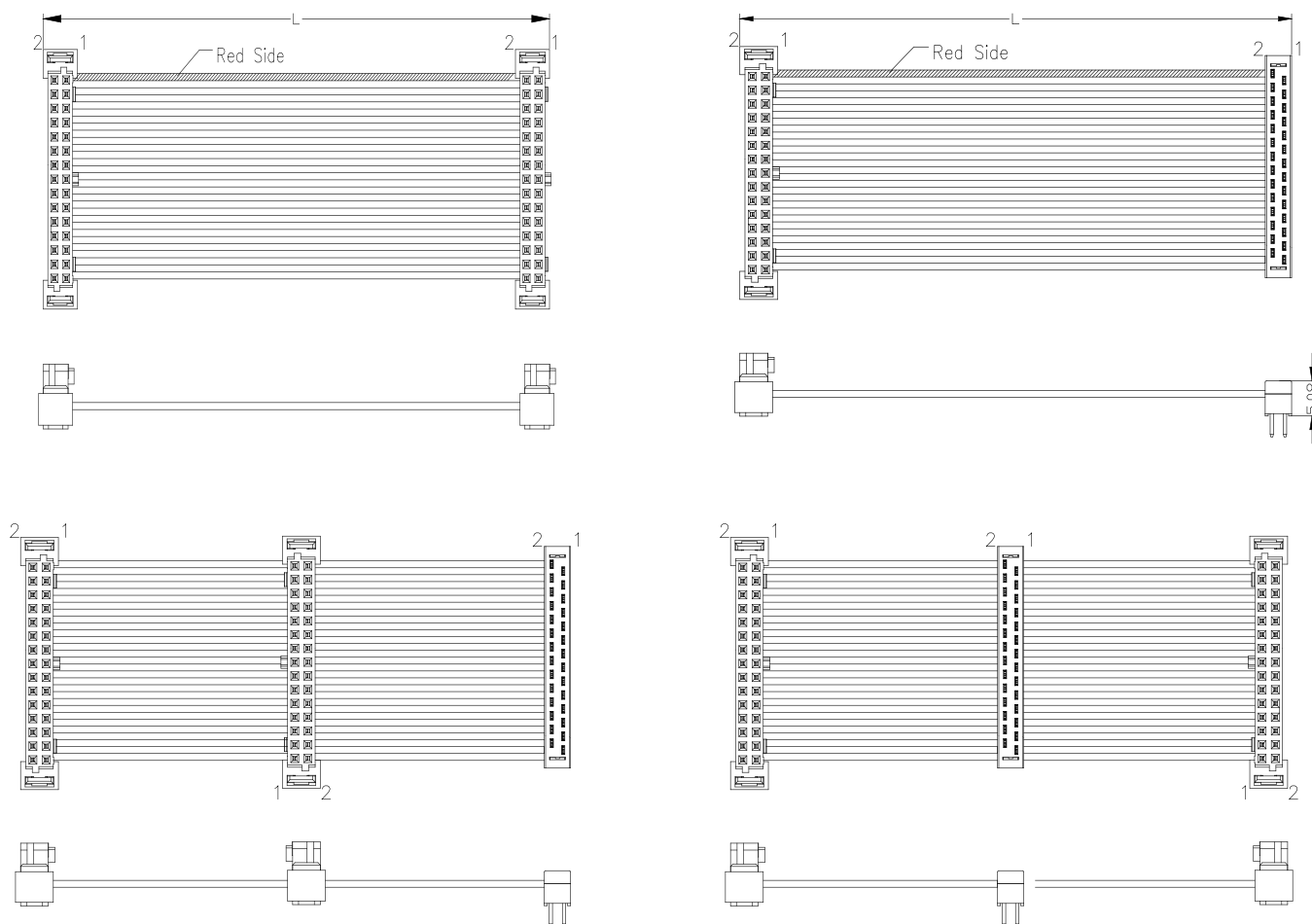
Precautions for use 使用注意事项

Mating With 3121 与3121配合要求

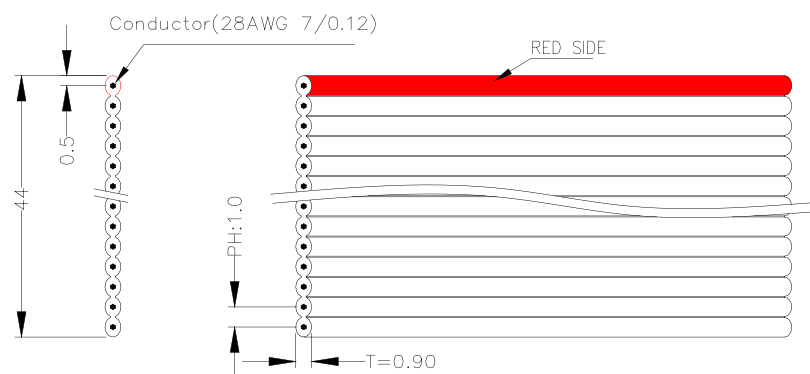


5226 Series

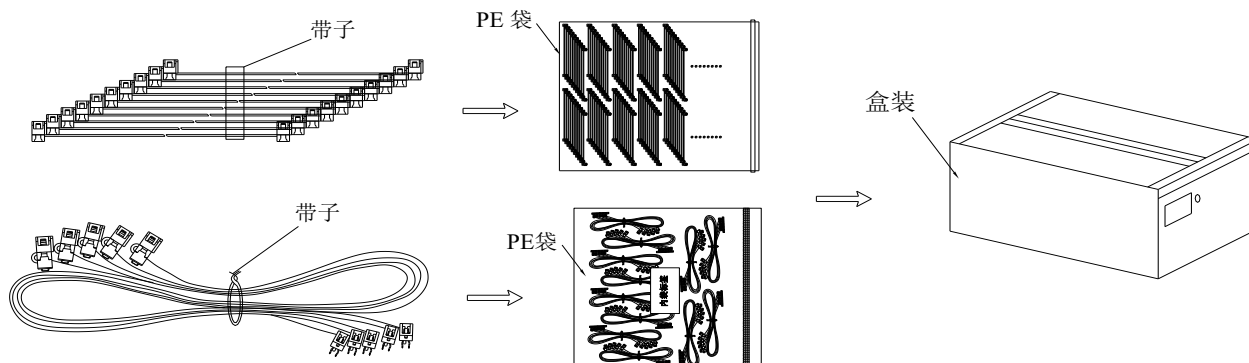
Cable Assembly 线缆组件



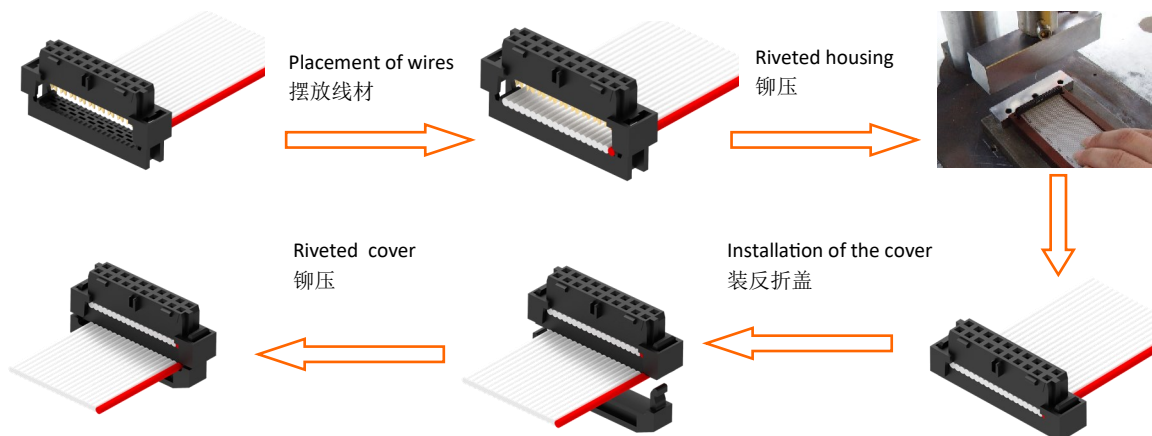
Technical data flat ribbon cables 线材规格



Cable Harness Packaging 线束包装



Installation Instructions 安装说明

手工组装
hand assembly自动机组装
Automated machine assembly

Contact Us 联系我们

维峰电子(广东)股份有限公司(总部)
WCON ELECTRONICS (GUANGDONG) CO.,LTD(HQ)
地址:广东省东莞市虎门镇大宁文明路15号
Add :No.15,Wenming Road,Danling Community, Humen Town, Dongguan, Guangdong.523930, China

昆山维康电子有限公司
KUNSHAN WCON ELECTRONICS CO.,LTD(East of China)
地址:江苏昆山千灯镇石浦新虹路321号
Add : No.321, Xinhong Road, Shipu, QiandengTown, Kunshan, Jiangsu, China

合肥维峰电子有限公司
HEFEI WCON ELECTRONICS CO.,LTD
地址:安徽合肥市高新技术开发区绿城科技园E栋2楼
Add : 2F, Building E, Greentown Science Park,High-tech Development Zone, Hefei, Anhui,China

维康电子(泰国)有限公司
WCON ELECTRONICS (Thailand) CO.,LTD
地址:泰国巴真武里府西玛铺县华瓦区洛加纳工业园
Add: VG3C+H57, Hua Wa, Si Maha Phot District, Prachin Buri 25140, Thailand

销售联系方式 Sales Contacts

国际客户部 International business
salesdg01@wcon.com
salesdg05@wcon.com

大客户专线 Domestic Key Accounts Department
华南: salesdg28@wcon.com
华东: salesks@wcon.com

中小客户专线 Departemen Akun Penjualan
华南: salesdg10@wcon.com
华东: salesks01@wcon.com

网络销售 Internet sales
salesdg26@wcon.com



Official Website



Product e-catalog



WeChat Public#



TikTok Public#