



特點 Features

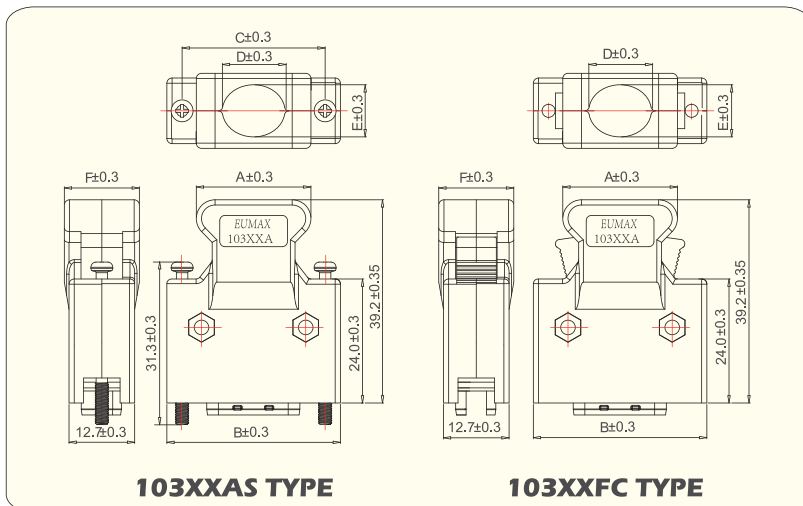
- 彈性觸點提供可靠的重複插拔
- 鋅合金壓鑄母插座保證尺寸穩定度
- 螺絲和加強腳固定提高連接器與PCB結合力
- 符合EMC/ESD抗干擾，RoHS環保規範，IEEE1284
- 提供14，20，26，36，50芯觸點
- 插頭外殼：鎖螺絲式和卡鉤式
- 特殊螺絲固定設計，節省組裝工時
- Wiper-on-wiper contact for reliable repetitive plugging
- Rugged die-cast receptacle case for dimension stability
- Screw or ground lock for reliable PCB retention
- EMC/ESD & RoHS & IEEE1284 compliant
- Contacts: 14, 20, 26, 36, 50
- Plug Shells: Screw type or latch type for quick release
- Special screw retainer for minimizing assembly time

103型技術規格 103 Type Technical Data

絕緣材料 Insulation Material	玻璃纖維增強聚酯 PBT
阻燃性能 Flammability	UL 94V-0
接點材質 Contact Material	銅合金鍍金 Gold-Plated Copper Alloy
焊點材質 Solder Tail Plating	銅合金鍍錫 Tin-Plated Copper Alloy
金屬殼體 Metal Shell Material	碳鋼鍍鎳 Nickel-Plated Carbon Steel
適用電綫 Applicable Wires	24-30AWG
絕緣阻抗 Insulation Resistance	500mΩ min. at 500V DC
耐電壓 Withstanding Voltage	500 Vrms for 1 Minute
額定電壓 Rated Voltage (MAX.)	AC:150V Max / DC:200V Max
額定電流 Rated Current (MAX.)	0.5A Max
工作溫度 Operating Temperature	-55℃~+85℃

103型鎖螺絲式產品尺寸 103 Type Dimensions

芯數 No. of Contact	尺寸規格 Dimensions					
	A	B	C	D	E	F
14	0.72[18.2]	1.16[29.5]	0.929[23.6]	0.33[8.5]	0.28[7.0]	0.5[12.7]
20	0.87[22.0]	1.31[33.3]	1.08[27.4]	0.47[12.0]	0.39[10.0]	0.55[14.0]
26	1.02[25.8]	1.46[37.2]	1.23[31.3]	0.47[12.0]	0.39[10.0]	0.55[14.0]
36	1.27[32.2]	1.71[43.5]	1.48[37.6]	0.67[17.0]	0.55[14.0]	0.71[18.0]
50	1.62[41.1]	2.06[52.4]	1.83[46.5]	0.67[17.0]	0.55[14.0]	0.71[18.0]



訂購編號 ORDERING INFORMATION

XDR - 103 50 AS

① ② ③ ④

① 系列名稱 Series

系列名稱: **XDR** 系列 I/O連接器

Series: **XDR Series I/O Connectors**

② 連接器分類 Designation

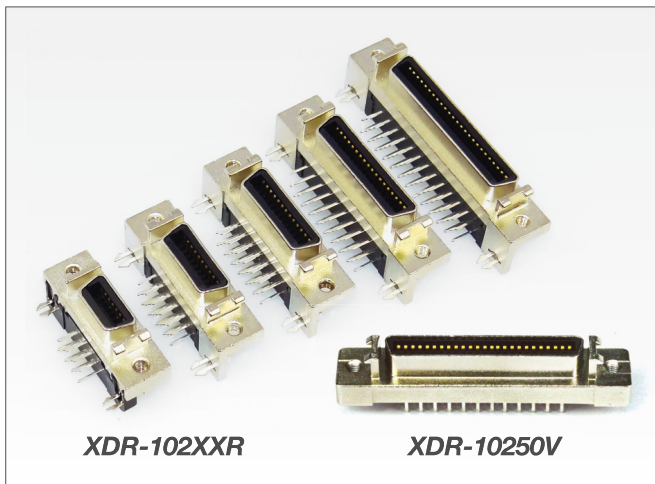
連接器分類 Designation	分類說明 Description
101	公膠芯 Plug Insert
102	母插座 Receptacle
103	插頭外殼 Plug Shell

③ 芯數 No. of Contact

14, 20, 26, 36, 50

④ 連接器型式 Connector Type

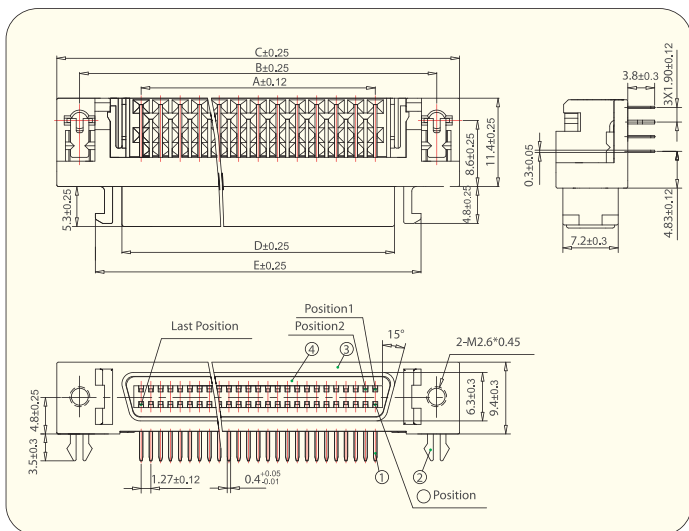
代碼 Code	連接器型式 Connector Type
S	101 焊接公膠芯 101 Plug Insert, Solder
R	102 右彎型母插座 102 Receptacle, R/A
V	102 垂直型母插座 102 Receptacle, Vertical
A	103 螺絲式插頭外殼 103 Plug Shell, Screw Type
F	103 卡鉤式插頭外殼 103 Plug Shell, Latch Type
AS	103 螺絲式插頭配套 103 Plug Connector Set, Screw
FC	103 卡鉤式插頭配套 103 Plug Connector Set, Latch



102型技術規格 102 Type Technical Data

絕緣材料 Insulation Material	玻璃纖維增強聚酯 PBT
阻燃性能 Flammability	UL 94V-0
接點材質 Contact Material	銅合金鍍金 Gold-Plated Copper Alloy
焊點材質 Solder Tail Plating	銅合金鍍錫 Tin-Plated Copper Alloy
金屬殼體 Metal Shell	鋅合金 Zinc Alloy
絕緣阻抗 Insulation Resistance	500mΩ min. at 500V DC
耐電壓 Withstanding Voltage	500 Vrms for 1 Minute
額定電壓 Rated Voltage (MAX.)	AC:150V Max / DC:200V Max
額定電流 Rated Current (MAX.)	0.5A Max
工作溫度 Operating Temperature	-55°C ~ +85°C

102型產品尺寸 102 Type Dimensions



芯數 No. of Contact	尺寸規格 Dimensions				
	A	B	C	D	E
14	0.300[7.62]	0.93[23.6]	1.16[29.5]	0.50[12.6]	0.77[19.5]
20	0.450[11.43]	1.08[27.5]	1.31[33.4]	0.65[16.4]	0.92[23.4]
26	0.600[15.24]	1.23[31.3]	1.45[37.2]	0.80[20.2]	1.07[27.2]
36	0.850[21.59]	1.48[37.6]	1.71[43.5]	1.05[26.6]	1.32[33.5]
50	1.200[30.48]	1.83[46.5]	2.06[52.4]	1.40[35.5]	1.67[42.2]

102型PCB鑽孔尺寸 102 Type PCB Board Layout

芯數 No. of Contact	尺寸規格 Dimensions		
	A	B	C
14	0.300[7.62]	0.931[23.64]	0.78[19.9]
20	0.450[11.43]	1.081[27.45]	0.94[23.8]
26	0.600[15.24]	1.231[31.26]	1.09[27.6]
36	0.850[21.59]	1.481[37.61]	1.33[33.9]
50	1.200[30.48]	1.831[46.50]	1.69[42.8]

