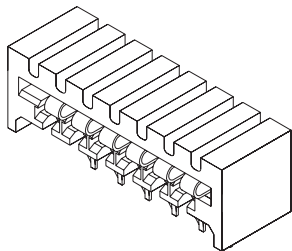


# 2.54mm (.100") Pitch FFC/FPC Connector

**5229-NAPB**

**Right Angle, Non-ZIF**



### Features and Benefits

- Sizes 3 to 25 circuits
- For 0.30mm thick FFC/FPC
- Low insertion force (LIF)
- Also accepts conductive ink circuit (membrane switch)
- Completely eliminates flux intrusion

### Reference Information

UL File No.: E29179  
Packaging: Tray  
Designed In: Inches

### Electrical

Voltage: 200V  
Current: 1.0A  
Contact Resistance: 20 milliohms max.  
Dielectric Withstanding Voltage: 650V AC/1 min.  
Insulation Resistance: 1000 Megohms min.

### Physical

Housing: PBTP, UL 94V-0  
Contact: Phosphor Bronze  
Plating: Tin  
Operating Temperature: -40 to +105°C

Circuits	Order No.	Lead-free
3	<a href="#">22-15-3033</a>	Yes
4	<a href="#">22-15-3043</a>	
5	<a href="#">22-15-3053</a>	
6	<a href="#">22-15-3063</a>	
7	<a href="#">22-15-3073</a>	
8	<a href="#">22-15-3083</a>	
9	<a href="#">22-15-3093</a>	

Circuits	Order No.	Lead-free
10	<a href="#">22-15-3103</a>	Yes
11	<a href="#">22-15-3113</a>	
12	<a href="#">22-15-3123</a>	
13	<a href="#">22-15-3133</a>	
14	<a href="#">22-15-3143</a>	
15	<a href="#">22-15-3153</a>	
16	<a href="#">22-15-3163</a>	

Circuits	Order No.	Lead-free
17	<a href="#">22-15-3173</a>	Yes
18	<a href="#">22-15-3183</a>	
19	<a href="#">22-15-3193</a>	
20	<a href="#">22-15-3203</a>	
21	<a href="#">22-15-3213</a>	
25	<a href="#">22-15-3253</a>	

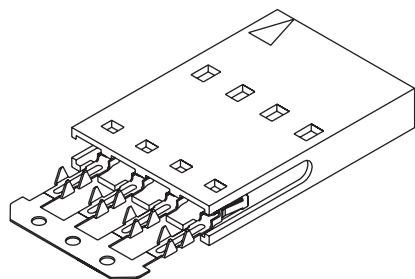
Note: Contact Molex for cable specification dimensions

[www.molex.com/product/ffc/](http://www.molex.com/product/ffc/)

# 2.54mm (.100") Pitch SL™ FFC/FPC Connector

**70430**

**Single Row, Female  
Version A**



### Features and Benefits

- Sizes 2 to 25 circuits
- Stackable end-to-end and side-by-side
- Piercing crimp provides 3 high-pressure interfaces with the conductor
- Terminals preloaded into housing

### Reference Information

Product Specification: PS-70430  
Packaging: Tube  
UL File No.: E29179  
CSA File No.: LR19980  
Mates With: 2.54mm (.100") pitch, single or dual row headers (C-Grid®, SL, KK®)  
Designed In: Inches

### Electrical

Voltage: 250V  
Current: 2.0A (for Copper conductors)  
Contact Resistance: 10 milliohms max.  
Dielectric Withstanding Voltage: 1500V  
Insulation Resistance: 1000 Megohms min.

### Mechanical

Contact Retention to Housing: 13.34N (3 lb) min.  
Mating Force: 2.22N (.50 lb) max.  
Unmating Force: 0.28N (.06 lb) min.  
Wire Pull-Out Force: 26.69N (6 lb)  
Durability: Tin—25 cycles; Gold—50 cycles

### Physical

Housing: Black polyester, UL 94V-0  
Contact: Copper Alloy  
Plating: See Table  
Operating Temperature: -40 to +105°C

Circuits	Order No.			Lead-free
	150µm Tin	15µm Gold	30µm Gold	
2	<a href="#">15-38-8028</a>	<a href="#">15-47-4020</a>	<a href="#">15-47-4024</a>	Yes
3	<a href="#">15-38-8038</a>	<a href="#">15-47-4030</a>	<a href="#">15-47-4034</a>	
4	<a href="#">15-38-8048</a>	<a href="#">15-47-4040</a>	<a href="#">15-47-4044</a>	
5	<a href="#">15-38-8058</a>	<a href="#">15-47-4050</a>	<a href="#">15-47-4054</a>	
6	<a href="#">15-38-8068</a>	<a href="#">15-47-4060</a>	<a href="#">15-47-4064</a>	
7	<a href="#">15-38-8078</a>	<a href="#">15-47-4070</a>	<a href="#">15-47-4074</a>	
8	<a href="#">15-38-8088</a>	<a href="#">15-47-4080</a>	<a href="#">15-47-4084</a>	
9	<a href="#">15-38-8098</a>	<a href="#">15-47-4090</a>	<a href="#">15-47-4094</a>	
10	<a href="#">15-38-8108</a>	<a href="#">15-47-4100</a>	<a href="#">15-47-4104</a>	
11	<a href="#">15-38-8118</a>	<a href="#">15-47-4110</a>	<a href="#">15-47-4114</a>	
12	<a href="#">15-38-8128</a>	<a href="#">15-47-4120</a>	<a href="#">15-47-4124</a>	
13	<a href="#">15-38-8138</a>	<a href="#">15-47-4130</a>	<a href="#">15-47-4134</a>	

Circuits	Order No.			Lead-free
	150µm Tin	15µm Gold	30µm Gold	
14	<a href="#">15-38-8148</a>	<a href="#">15-47-4140</a>	<a href="#">15-47-4144</a>	Yes
15	<a href="#">15-38-8158</a>	<a href="#">15-47-4150</a>	<a href="#">15-47-4154</a>	
16	<a href="#">15-38-8168</a>	<a href="#">15-47-4160</a>	<a href="#">15-47-4164</a>	
17	<a href="#">15-38-8178</a>	<a href="#">15-47-4170</a>	<a href="#">15-47-4174</a>	
18	<a href="#">15-38-8188</a>	<a href="#">15-47-4180</a>	<a href="#">15-47-4184</a>	
19	<a href="#">15-38-8198</a>	<a href="#">15-47-4190</a>	<a href="#">15-47-4194</a>	
20	<a href="#">15-38-8208</a>	<a href="#">15-47-4200</a>	<a href="#">15-47-4204</a>	
21	<a href="#">15-38-8218</a>	<a href="#">15-47-4210</a>	<a href="#">15-47-4214</a>	
22	<a href="#">15-38-8228</a>	<a href="#">15-47-4220</a>	<a href="#">15-47-4224</a>	
23	<a href="#">15-38-8238</a>	<a href="#">15-47-4230</a>	<a href="#">15-47-4234</a>	
24	<a href="#">15-38-8248</a>	<a href="#">15-47-4240</a>	<a href="#">15-47-4244</a>	
25	<a href="#">15-38-8258</a>	<a href="#">15-47-4250</a>	<a href="#">15-47-4254</a>	