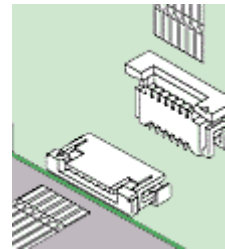


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**Datasheet**

**Flat Flex Cable Connectors**

**0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 40 Circuits**

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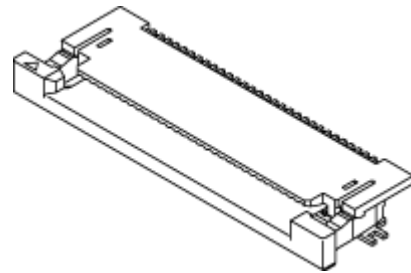
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**54104-4092**

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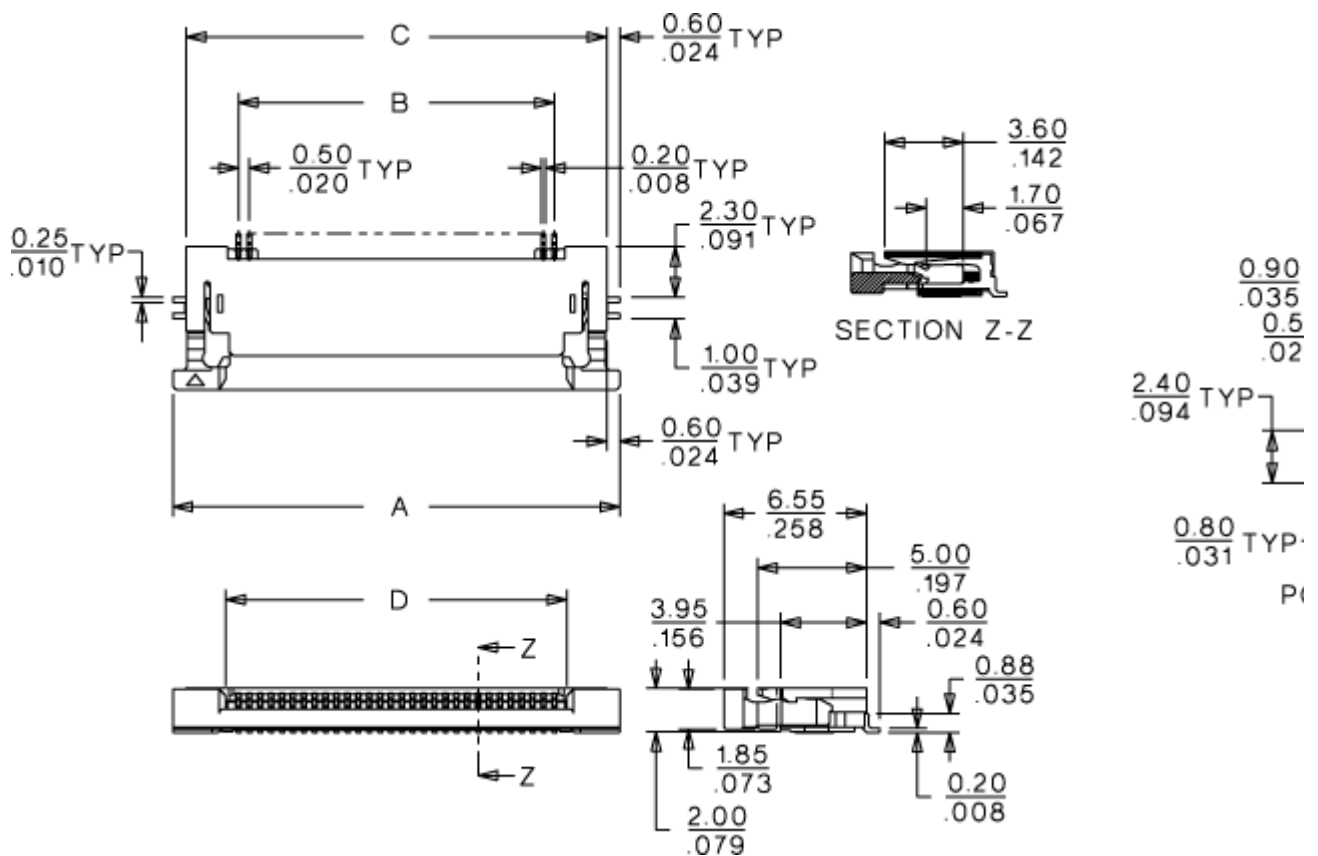
<a href="#">Status</a>	Active
<a href="#">Pitch / Center Spacing</a>	0.50mm (.020")
<a href="#">Circuits / Positions</a>	40
<a href="#">Cable Thickness</a>	0.30mm (.012")
<a href="#">Cable Termination</a>	ZIF
<a href="#">Cable Entry Angle</a>	Right Angle
Cable Insert Force	0+
Cable Withdrawl Force	0+
Cable Specification	Link: Type B
<a href="#">Cable Type</a>	FFC/FPC
<a href="#">Contact Position</a>	Top
<b>MOUNTING</b>	
<a href="#">PCB Mounting</a>	Surface Mount
<a href="#">Polarized to PCB</a>	Yes
<a href="#">PC Tail Length</a>	0.60mm (.024")
<a href="#">Staggered Tails</a>	No
<a href="#">PCB Locator</a>	No
<b>ELECTRICAL</b>	
<a href="#">Current-max [amps]</a>	0.5A
<a href="#">Voltage-max [volts]</a>	50V
<a href="#">Withstanding Voltage</a>	250V AC/1 min.
<a href="#">Contact Resistance [ohms]</a>	20 milliohms max.
<a href="#">Insulation Resistance [ohms]</a>	50 Megohms min.
<b>PHYSICAL</b>	
<a href="#">Housing Material</a>	PA Polyamide (Nylon) 4/6
<a href="#">Flammability</a>	UL 94V-0
Actuator	PPS, UL 94V-0
<a href="#">Temperature Range</a>	-20°C to +85°C
Contact	Phosphor Bronze (CuSn)
<a href="#">Plating Contact</a>	Tin/Lead (Sn/Pb)
<a href="#">Under Plating</a>	Copper (Cu)
<a href="#">Solder Tab</a>	Phosphor Bronze, Tin-lead (Sn/Pb) Plating
<b>DIMENSIONS</b>	
<a href="#">Mated Height (H)</a>	2.00mm (.079")



**Features and Benefits**

- For 0.30mm (.012") thick FFC/FPC
- Pre-hold cable retention feature helps facilitate correct FPC insertion
- Durable actuator design

<a href="#">Mated Width (W)</a>	6.55mm (2.58")
<a href="#">Dimension A</a>	25.50mm (1.004")
<a href="#">Dimension B</a>	19.50mm (.768")
Dimension C	24.30mm (.957")
Dimension D	20.65mm (.813")
<b>REFERENCE</b>	
<a href="#">Product Specification</a>	PS-54104-025
<a href="#">Rows</a>	1
<a href="#">Stackable</a>	No
<a href="#">Packaging</a>	Embossed Tape on Reel
Carrier Tape Width	44.00mm (1.732")
<a href="#">UL File No.</a>	E29179
<a href="#">CSA File No.</a>	LR19980
<a href="#">Designed In</a>	Millimeters
<a href="#">MX01 Catalog Page</a>	G-13
<a href="#">Molex Series</a>	54104
Contact-to-End Dimension	3.00mm (.118")



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