



**MWSL-10PS-P1**  
Pin Connector



**MWSL-10SS-P1**  
Socket Connector

**MWS MicroStrips** feature TwistPin contacts housed in single row molded plastic insulators. These MWS strips offer reduced size compared to conventional Micro-D connectors. Choose from (2) to (30) contacts.

**Three Styles** – Solder cup contacts for customer termination, or choose pre-wired versions. Wired versions are available with insulated wire or with gold-plated leads for termination to boards or flex circuits.

## HOW TO ORDER MWS SOLDER CUP CONNECTORS

Series	No. of Cavities	Contact Type	Termination Type	Guide Pin Option
<b>MWSL</b>	<b>1 to 30</b> Total number of contact cavities including guide pins	<b>P</b> – Pin <b>S</b> – Socket	<b>S</b> – Solder Cup	<b>Omit</b> – No Guide Pin <b>P1</b> – Guide Pin Position 1 <b>P2</b> – Guide Pin Both Ends <b>PX</b> – Guide Pin In Customer Specified Location
<b>Sample Part Number</b>				
<b>MWSL</b>	<b>– 12</b>	<b>P</b>	<b>S</b>	

## HOW TO ORDER MWS CONNECTORS WITH INSULATED WIRE

Series	No. of Cavities	Contact Type	Wire Gage (AWG)	Wire Type	Wire Color	Wire Length Inches	Guide Pin Option
<b>MWSL</b>	<b>1 to 30</b> Total number of contact cavities including guide pins	<b>P</b> – Pin <b>S</b> – Socket	<b>4</b> – #24 <b>6</b> – #26 <b>8</b> – #28 <b>0</b> – #30	<b>K</b> – M22759/11 600 Vrms Teflon® (TFE)  <b>J</b> – M22759/33 600 Vrms Modified Cross-Linked Tefzel® (ETFE)	<b>1</b> – White <b>2</b> – Yellow <b>5</b> – Color Coded Striped Wire Per MIL-STD-681  <b>7</b> – Ten Color Repeating	<b>18</b> Length In Inches. "18" Specifies 18 Inches.	<b>Omit</b> – No Guide Pin <b>P1</b> – Guide Pin Position 1 <b>P2</b> – Guide Pin Both Ends <b>PX</b> – Guide Pin In Customer Specified Location
<b>Sample Part Number</b>							
<b>MWSL</b>	<b>– 6</b>	<b>P</b>	<b>– 6</b>	<b>K</b>	<b>7</b>	<b>– 24</b>	

## HOW TO ORDER MWS CONNECTORS WITH SOLID (SINGLE-STRAND) UNINSULATED WIRE

Series	No. of Cavities	Contact Type	Wire Gage (AWG)	Wire Type	Wire Finish	Wire Length Inches	Guide Pin Option
MWSL	1 to 30 Total number of contact cavities including guide pins	P – Pin S – Socket	4 – #24 5 – #25 6 – #26	C – Single Strand Copper Wire	3 – Solder-Dipped (63/37 SnPb)	.125 .250 .375 .500 .750 1.000 2.000	Omit – No Guide Pin P1 – Guide Pin Position 1 P2 – Guide Pin Both Ends PX – Guide Pin In Customer Specified Location
					4 – Gold Plated	Wire Length In Inches. “.500” Specifies Half Inch.	
Sample Part Number							
MWSL	– 8	P	– 5	C	4	– .250	– P1

## STRIP DIMENSIONS

LENGTH OF STRIP IS CALCULATED BY MULTIPLYING THE NUMBER OF CAVITIES BY .050 INCHES AND ADDING .075 INCHES.

