



# High-Reliability Interconnects for Demanding Industrial Environments

*Based on Mil-Spec — Built for Industrial*

As your connector solutions partner, we aim to make your daily work easier, designing in high-reliability in all our options. Our online configuration tools are geared to make finding your solution easier. Along the way, we stand ready to “customize” our standard configurations to meet your needs.

## Application Guide

## Markets

	Size (Positions)	Rated Amp/Current	Durability	Test Voltage	Insulation Resistance	Contact Resistance	Operating Temp	Machinery	Robotics	Automation & Process Control	Test Equipment	Oil & Gas
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> </div> <div style="flex-grow: 1;"> <h3 style="margin: 0;">iW Series</h3> <ul style="list-style-type: none"> <li>2.54mm (0.10") Pitch</li> <li>Signal &amp; Low-Power Applications</li> </ul> </div> </div>												
PTH Connectors	10	5A	250 cycles	1,000 VAC	5 GΩ min	5 mΩ max	-65° to +125°C	■	■	■	■	■
Solder Cup 22 AWG (0.34 mm <sup>2</sup> ) Cable Connectors	14							■	■	■	■	■
Crimp Removable 22 AWG (0.34 mm <sup>2</sup> ) Cable Connectors	20							■	■	■	■	■
	24							■	■	■	■	■
	26	■	■	■	■	■						
	30	■	■	■	■	■	■	■	■	■	■	
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> </div> <div style="flex-grow: 1;"> <h3 style="margin: 0;">PowerAmp</h3> <ul style="list-style-type: none"> <li>5.72mm (0.225") Pitch</li> <li>Power Applications, UL 1977 ECBT2.E466640</li> </ul> </div> </div>												
PTH Connectors	5	23A	250 cycles	2,000 VAC	5 GΩ min	1 mΩ max	-65° to +125°C	■	■	■	■	■
Solder Cup 12 AWG (4 mm <sup>2</sup> ) Cable Connectors	10							■	■	■	■	■
	20							■	■	■	■	■
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> </div> <div style="flex-grow: 1;"> <h3 style="margin: 0;">verSI Series</h3> <ul style="list-style-type: none"> <li>1.27 x 1.27mm (0.05 x 0.05") Pitch</li> <li>High-Density, High-Speed Applications</li> </ul> </div> </div>												
PTH Connectors	40 to 500	2A	2,500 cycles	600 VAC	5 GΩ min	30 mΩ max	-55° to +125°C	■	■	■	■	■
Press-Fit Connectors								■	■	■	■	■
SMT Connectors								■	■	■	■	■
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> </div> <div style="flex-grow: 1;"> <h3 style="margin: 0;">High-Temperature D-Shaped Miniatures</h3> <ul style="list-style-type: none"> <li>1.27mm (0.05") &amp; 0.64mm (0.025") Pitch</li> <li>High-Temperature Applications</li> </ul> </div> </div>												
Micro-D Connectors	9 to 69	3A	500 cycles	600 VAC	5 GΩ min	26 mΩ max	-65° to +205°C	■	■	■	■	■
Nano-D Connectors		1A	200 cycles	250 VAC	5 GΩ min	21 mΩ max		■	■	■	■	■