

INTRODUCTION

Originally developed for PC monitor applications, this 2.00mm (.079") pitch system can also be used for other applications that require space savings and secure locking features.

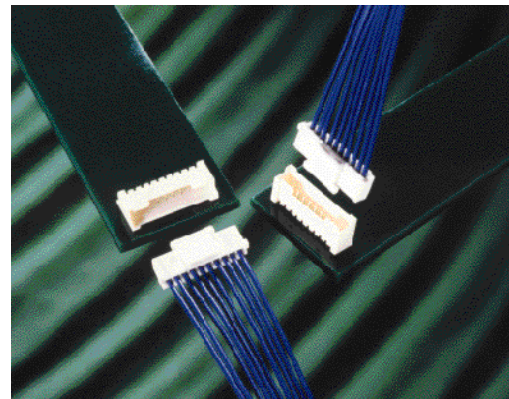
The Sherlock™ system contains two sub-families: Sherlock™ I, the original version developed for monitor applications; and Sherlock™ II, which offers more robust latching and locking features.

The Sherlock™ system utilizes Molex's proven 50212 (for Sherlock™ I) & 35476 (for Sherlock™ II) terminals, along with a positive lock housing and straight and right angle headers in 2-15 circuits.

Molex also offers positive lock wire-to-board connectors in 2.50mm (.098"), 3.50mm (.138"), 3.96mm (.156") and 7.92mm (.312") pitch.



Sherlock™ 2.00mm (.079") Pitch Wire-to-Board Positive Locking Connector System



SPECIFICATIONS

		Sherlock™ I	Sherlock™ II
Electrical	Voltage	125V	125V
	Current	0.5A~2.0A (AWG24~30)	1.0A~2.0A (AWG26~30)
	Contact Resistance	20m	15m
	Dielectric Withstanding Voltage	AC 500V	AC 500V
	Insulation Resistance	1,000M (min.)	1,000M (min.)
Physical	Housing	Polybutylene, UL94V-0	Polybutylene, UL94V-0
	Header	Polyamide, UL94V-0	Polyamide, UL94V-0
	Header Contact (plating)	Brass (Tin/Lead)	Brass (Tin/Lead)
	Terminal Contact (plating)	Phosphor Bronze (Tin)	Phosphor Bronze (Tin)
Mechanical	Operating Temperature	-40°C ~105°C	-40°C ~105°C
	Contact Insertion Force	1.0 Kgf (9.8N) max.	1.0 Kgf (9.8N) max.
	Contact Retention to Housing	1.5 Kgf (14.7N) min.	2.0 Kgf (19.6N) min.
Reference	Product Specifications	PS-35507-001	PS-35585-001
	Packaging	Bag / Tube / Carton box	Bag / Carton box
	Design-In	mm	mm