

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.

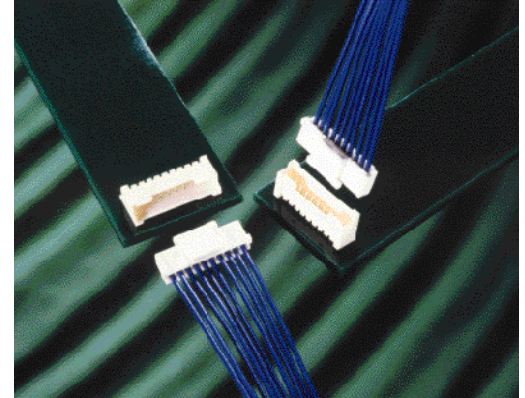
The Sherlock™ system contains two sub-families: Sherlock™ I, the original version developed for monitor applications; and Sherlock™ II, which offers more robust latching and locking features.

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.

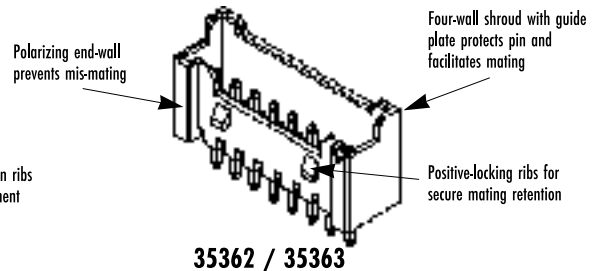
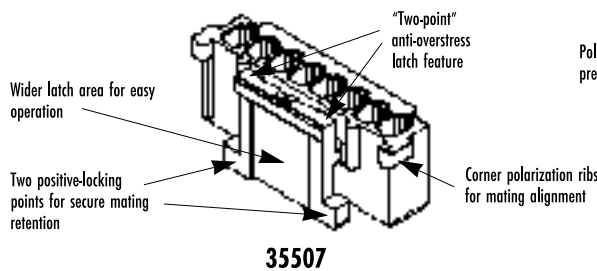


Sherlock™ 2.00mm (.079") Pitch Wire-to-Board Positive Locking Connector System

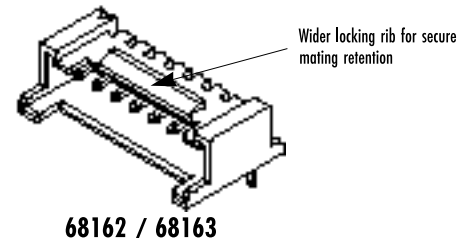
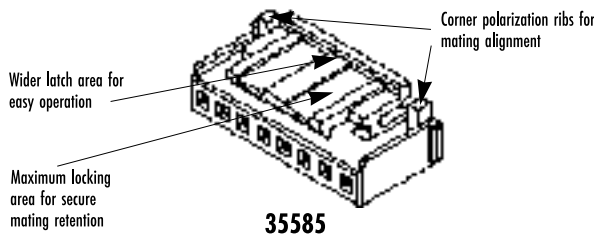


FEATURES & BENEFITS

Sherlock™ I



Sherlock™ II



SPECIFICATIONS

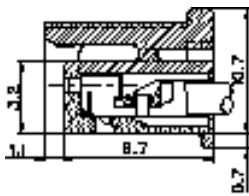
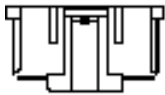
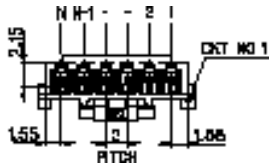
		Sherlock™ I	Sherlock™ II
Electrical	Voltage	125V	125V
	Current	0.5A~2.0A (AWG24~30)	1.0A~2.0A (AWG26~30)
	Contact Resistance	20m	15m
	Dielectric Withstanding Voltage	AC 500V	AC 500V
	Insulation Resistance	1,000M (min.)	1,000M (min.)
Physical	Housing	Polybutylene, UL94V-0	Polybutylene, UL94V-0
	Header	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

SHERLOCK™ I

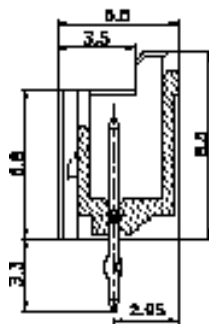
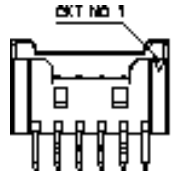
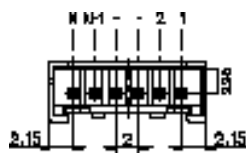


Sherlock™
2.00mm (.079") Pitch
Wire-to-Board
Positive Locking
Connector System

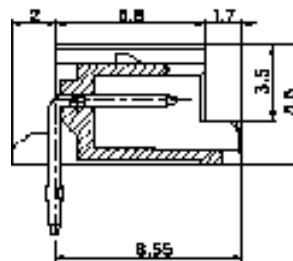
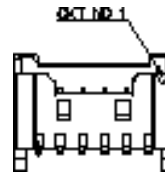
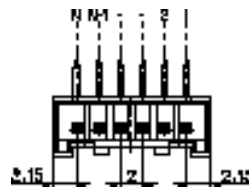
35507 Housing



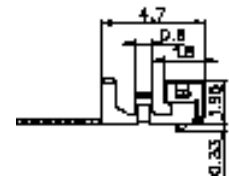
35362 (ST) Header



35363 (RA) Header

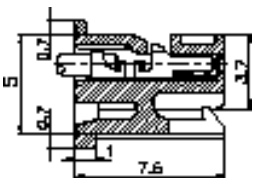
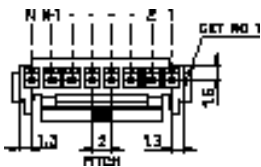


50212 Terminal

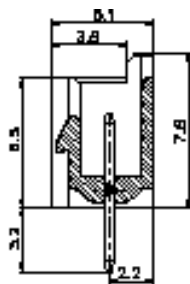
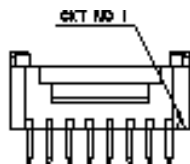
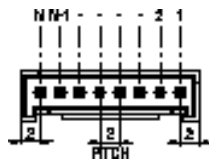


SHERLOCK™ II

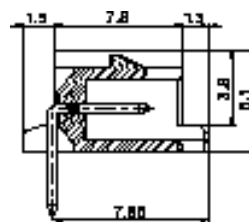
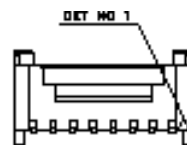
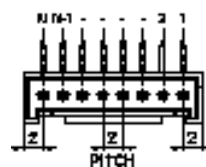
35585 Housing



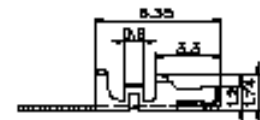
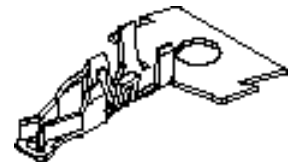
68162 (ST) Header



68163 (RA) Header



35476 Terminal



Drawings are only for reference.

Americas Headquarters
Lisle, Illinois 60532 U.S.A
Tel: 1-800-78MOLEX
Fax: 1-630-969-1352

Far East North Headquarters
Yamato, Kanagawa, Japan
Tel: 81-462-65-2324
Fax: 81-462-65-2366

Far East South Headquarters
Jurong, Singapore
Tel: 65-268-6868
Fax: 65-265-6044

European Headquarters
Munich, Germany
Tel: 49-89-413092-0
Fax: 49-89-401527

Molex Korea
Ansan, Gyunggi-do, Korea
Tel: 82-31-492-9000
Fax: 82-31-491-4364

Visit our Website at www.molex.co.kr