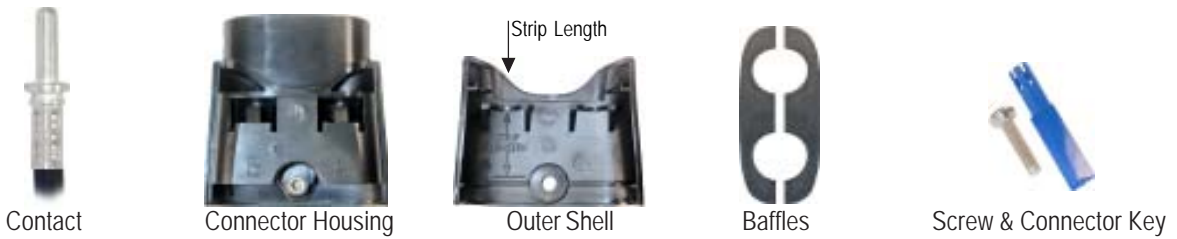


## PowerMod® HP “A” Series Male Dual Pole Connector Assembly Instructions



- 1) Strip wires per the picture shown:  
(Strip length measurement shown on underside of Outer Shell)

7/8 inch  
|[22.2 mm]|



- 2) Insert each wire into a male contact making sure each wire bottoms out in the barrel. Make sure all strands are in the contact barrel. Select a crimping tool system from the chart below.

Wire Size	Pneumatic Production Tool				Hand Tool			
	Part Number	Die P/N	Locator P/N	Number of Crimps	Hydraulic	Battery	Die P/N	Number of Crimps
#2 AWG 35mm <sup>2</sup>	1387G2	1303G13	1304G19	2	1387G3	1370	1322G7	2
25mm <sup>2</sup>	1387G2	1303G13	1304G19	2	1387G3	1370	1322G11	2
#4 AWG	1387G2	1303G14	1304G19	2	1387G3	1370	1322G8	2
16mm <sup>2</sup>	1387G2	1303G14	1304G19	2	1387G3	1370	1322G10	2
#6 AWG	1387G2	1303G14	1304G19	2	1387G3	1370	1322G9	2

- 3) Crimp the contact barrels



- 4) Verify that the wire/contact is located in the proper position (A or B). Insert the crimped contacts into the connector housing. Shoulders of contacts will snap under retaining tabs when fully inserted.



- 5) Slide the outer shell into the connector housing securing contacts firmly in position. If the shroud resists insertion, check that the contacts are fully seated in the housing.

If using the cable strain relief clamp option, please refer to APP Assembly Instructions ASM-DPSR125.

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## PowerMod®H "A" Series Male P Dual Pole Connector Page 2

- 6) After the shell is in place, place the baffles into the back of the assembly (Baffles are identical, there is no top or bottom) so that the internal shoulders of the baffles sit against the undercut on the back of the sub-assembly. (Note: Baffles are not used in the assembly when the cable strain relief clamp is used).



- 7) Holding the baffles in place, insert the screw (capturing both baffles) and hand tighten until the thread engages in the assembly. Tighten the screw to 2 in-Lbs. (0.22Nm)\*. to complete the assembly.

- 8) Optional Connector Key – A blue plastic key is included for applications where multiple connectors might be used. The key acts as a mechanical block to assure only the right pair of connectors are mated. The key is inserted into the hexagonal hole from the front of the connector with the triangular portion facing out. The raised pointer on the front surface of the triangular area should be aimed at the number (1-6) that corresponds with the number that the pointer on the key in the mating connector half is aimed at (i.e. both keys pointed at 2) . This will assure proper mating.



\* Nm=.114 x inch-lbs

**WARNING**

NEVER WORK WITH LIVE CONDUCTORS

**PATENTS AND TRADEMARKS**

This product is Patent Pending.

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