



## Heyco® Padded Male Blades

For mating Female Cord Connectors, see page 8-50.

For Male Ground Pins, see pages 8-39 & 8-40.

For Padded Male/Female Combination Terminals, see page 8-57.

### NEMA 1-15P & 5-15P – .043” Mold Line Thickness

*Lower material content makes for a less expensive UL Approved Blade!*

- Heyco Padded Blades are **far less expensive** than their Full Thickness counterparts (pages 8-31 thru 8-34), yet they are **functionally equivalent**.
- Thinner gauge material **lowers cost**, yet full pad configuration meets UL power cord requirements, including **UL 1659**.
- All Heyco Padded Blades feature a 90° “knee” section for **strain relief** and assembly orientation.
- For overmolding, Padded Blades must be **side loaded** due to their shaped profile.
- **Series 112** Padded Blades feature a flow-through hole plus “knee” below the mold line for strain relief pull out protection.
- **Series 112-8** Padded Blades feature an extended 90° knee for additional strain relief.
- **Series 103** Polarized Padded Blades are the “heavier duty, full width designed” choice among these lighter duty blades for 18-14 AWG conductors.
- **Series 103-N** Padded Blades are heavier duty and notched to meet high temperature pull out requirements.
- **Series 104 and 104-E** Polarized Blades feature “full narrow” hot (black wire) blade design i.e., the hot blade does not taper at the tip for added strength and appearance.
- **Series 104-E** Insulation Crimp Blades provide strain relief and wire support for shock and vibration resistance, and support for insertion into the mold block.
- DFARS Compliant

Length Below Mold Line	AWG Range	Material	PART NO.		APPLICATION TOOLING*					
			Non-polarized	Polarized	Die**		Feeds	Tool Packs	Crimp	Anvil
				For Non-polarized	For Polarized					
<b>Series 112 - Flow-Through Hole Plus “Knee” for Strain Relief Protection</b>										
.37	22-20	Brass	<b>5048</b>	<b>5049</b>	5048UXX5	5049UXX5	Left to Right	B100L/B101L	C236	C254
	18-14	Brass	-	<b>5046</b>	-	5046UXX5				
			<b>5044</b>	<b>5045</b>	5044UXX5	5045UXX5	Right to Left	B100R/B101R		
<b>Series 112-8 - Extended Knee for Improved Strain Relief</b>										
.37	18-14	Brass	<b>5080</b>	<b>5082</b>	5080UXX5	5082UXX5	Left to Right	B100L/B101L	C236	C254
		Brass	<b>5081</b>	<b>5083</b>	5081UXX5	5083UXX5	Right to Left	B100R/B101R		
<b>Series 103 - Heavier Duty with Strain Relief Knee</b>										
.47	18-14	Brass	<b>5112</b>	-	-	5112UXX5	Left to Right	B100L/B101L	C236	C254
<b>Series 103-N - Heavier Duty; Notched for High Temperature</b>										
.47	18-14	Brass	<b>5181</b>	<b>5183</b>	5181UXX5	5183UXX5	Left to Right	B100L/B101L	C236	C254
		Brass	<b>5180</b>	<b>5182</b>	5180UXX5	5182UXX5	Right to Left	B100R/B101R		

\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.

Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.

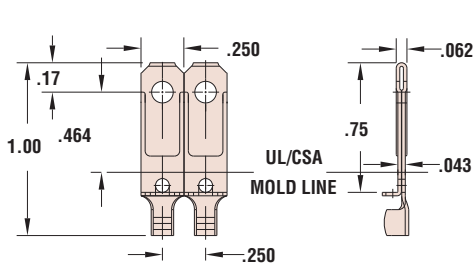
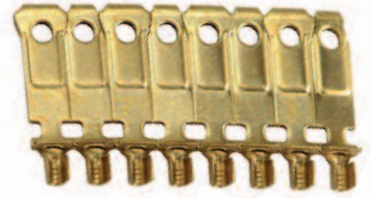
\*\* “XX” represents Wire Gauge. Please specify Wire Gauge when ordering.

Materials  
Certifications  
Standards

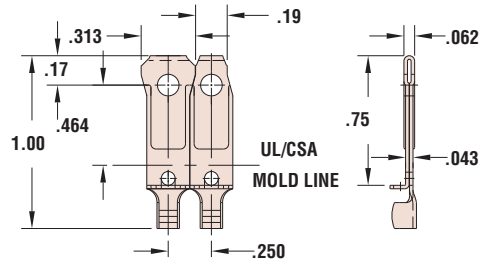
Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)  
 Recognized Component under UL File E164169  
 Certified by the Canadian Standards Association File 91824  
 NEMA 1-15P & NEMA 5-15P

# Heyco® Padded Male Blades

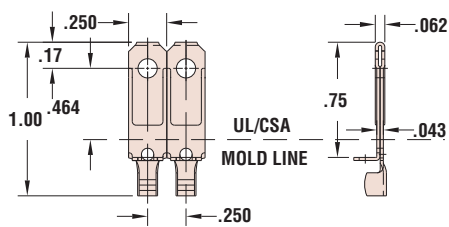
NEMA 1-15P & 5-15P Padded Blade Schematics



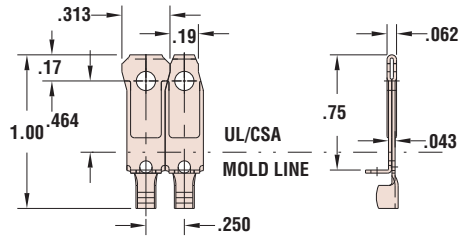
**112 Series Non-Polarized**



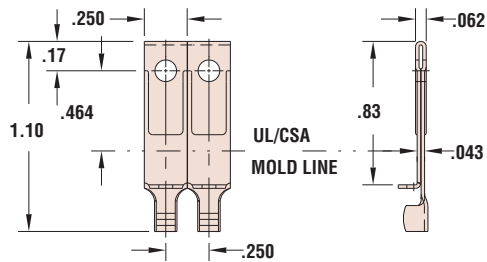
**112 Series Polarized**



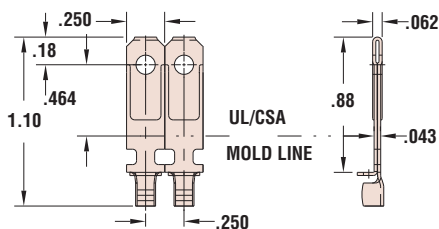
**112-8 Series Non-Polarized**



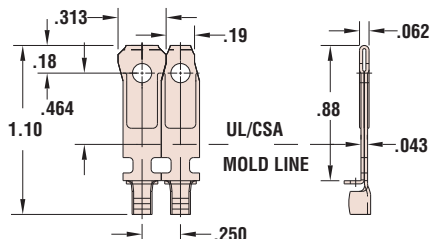
**112-8 Series Polarized**



**103 Series 1- Hole**



**103-N Series Non-Polarized**



**103-N Series Polarized**