



Positronic Industries, Inc.
www.connectpositronic.com

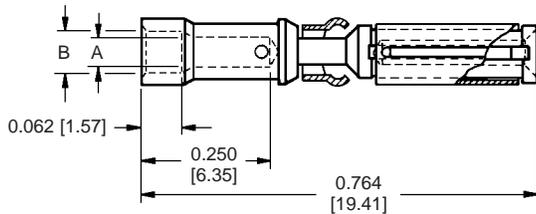
HEAVY-DUTY RECTANGULAR CONNECTORS WITH REMOVABLE CONTACTS

Heavy-Duty
Rectangular

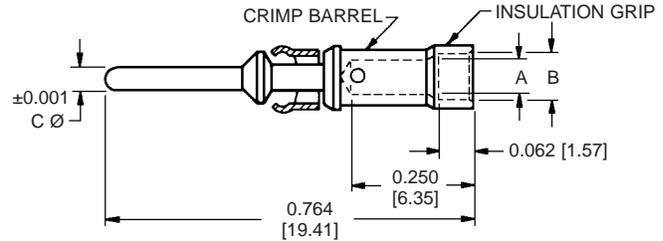
CRIMP CONTACTS

CLOSED CRIMP BARREL WITH INSULATION GRIP (SUPPORT) PRECISION MACHINED, SOLID COPPER ALLOY

FEMALE CONTACT ("CLOSED ENTRY" DESIGN)



MALE CONTACT



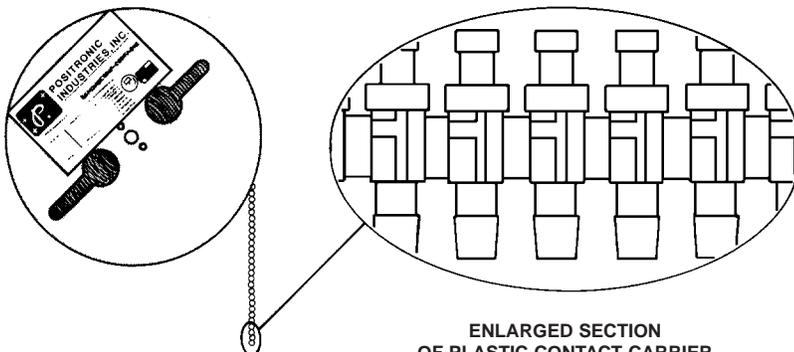
POWER AND SIGNAL CONTACTS

PART NUMBER	WIRE SIZE AWG/[mm ²]	A	B	NOMINAL RATING
FC114N2	14 / 16 [2.5/1.5]	0.081 [2.06]	0.105 [2.67]	13 AMP
FC116N2	16 / 18 [1.5/1.0]	0.067 [1.70]	0.093 [2.36]	13 AMP
FC120N2	20 / 22 / 24 [0.5/0.3/0.25]	0.045 [1.14]	0.065 [1.65]	13 AMP
FC124N2	24 / 26 / 28 [0.25/0.12/0.08]	0.027 [0.69]	0.055 [1.40]	13 AMP
FC126N2	26 / 28 / 30 / 32 [0.12-0.03]	0.025 [0.64]	0.046 [1.17]	13 AMP
FC216N2	16 / 18 [1.5/0.8]	0.067 [1.70]	0.093 [2.36]	7.5 AMP
FC220N2	20 / 22 / 24 [0.5/0.3/0.25]	0.045 [1.14]	0.065 [1.65]	7.5 AMP
FC224N2	24 / 26 / 28 [0.25/0.12/0.08]	0.027 [0.69]	0.055 [1.40]	7.5 AMP

PART NUMBER	WIRE SIZE AWG/[mm ²]	A	B	C	NOMINAL RATING
MC114N2	14 / 16 [2.5/1.5]	0.081 [2.06]	0.105 [2.67]	0.062 [1.57]	13 AMP
MC116N2	16 / 18 [1.5/1.0]	0.067 [1.70]	0.093 [2.36]	0.062 [1.57]	13 AMP
MC120N2	20 / 22 / 24 [0.5/0.3/0.25]	0.045 [1.14]	0.065 [1.65]	0.062 [1.57]	13 AMP
MC124N2	24 / 26 / 28 [0.25/0.12/0.08]	0.027 [0.69]	0.055 [1.40]	0.062 [1.57]	13 AMP
MC126N2	26 / 28 / 30 / 32 [0.12-0.03]	0.025 [0.64]	0.046 [1.17]	0.062 [1.57]	13 AMP
MC216N2	16 / 18 [1.5/0.8]	0.067 [1.70]	0.093 [2.36]	0.040 [1.02]	7.5 AMP
MC220N2	20 / 22 / 24 [0.5/0.3/0.25]	0.045 [1.14]	0.065 [1.65]	0.040 [1.02]	7.5 AMP
MC224N2	24 / 26 / 28 [0.25/0.12/0.08]	0.027 [0.69]	0.055 [1.40]	0.040 [1.02]	7.5 AMP

MATERIAL: COPPER ALLOY
FINISH: GOLD FLASH OVER NICKEL

REELS FOR FEEDING AUTO-CRIMPING TOOLS



ENLARGED SECTION
OF PLASTIC CONTACT CARRIER

REELED CONTACTS

Contacts may be supplied on plastic carriers, packaged on reels of 2,000 contacts for use with bench mounted automatic strip and crimp tool part number 9550-0 for contact sizes 14 AWG [2.5 mm²] through 24 AWG [0.25 mm²] or part number 9550-1 for contact size 26 AWG [0.12 mm²]. The same type carrier is used for both male and female contacts of the same size and type, and requires no change in crimping tool.

All male and female crimp style contacts can be ordered in reels by adding the letter "R" after the contact part number, such as MC116NR for a male contact and FC120N2R for a female contact. Wire sizes 14 AWG [2.5 mm²] to 28 AWG [0.08 mm²] can be accommodated by the crimping.