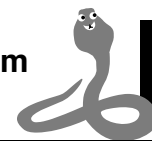




# Ordering Information - Code Numbering System

Specify complete connector by following step 1 through step 4



**KING COBRA**  
Circular Connectors

Step	1	2	3	4	5	6
<b>Example</b>	<b>KC316</b>	<b>M2</b>	<b>PE</b>	<b>JE</b>	<b>/AA</b>	<b>- XXX</b>
<b>STEP 1: CONNECTOR VERSION</b> KC316 : King Cobra Series - Three (3) Size 16 Contacts						<b>STEP 6 - SPECIAL OPTIONS</b> Consult factory.
<b>STEP 2: CONNECTOR GENDER AND TYPE OF CONTACTS</b> M2 : Male panel mount, solder cup, fixed contacts. M3 : Male straight PCB mount, solder. M4 : Male right angle (90°) PCB mount, solder. F2 : Female cable connector, solder cup, fixed contacts. ( Select 0 in Step 3 ) F7 : Female cable connector, screw termination. Supplied with contacts. ( Select 0 in Step 3 )  Note : Consult factory for other connector versions.				<b>STEP 5: RoHS COMPLIANCE OPTIONS</b> /AA : Compliance per EU Directive 2002/95/EC (RoHS) Note : If RoHS legislation is not required, this step will not be used.		
				<b>STEP 4: HOODS</b> 0 : None. J : Hood with gripper, non-IP65. JE : Hood with gripper and boot, IP65.		
		<b>STEP 3: MOUNTING STYLES</b> 0 : None. S : Spacer for straight PCB mount connectors. S6 : Spacer with push-on fastener for straight PCB mount connectors. N : Push-on fastener for use with alignment bar and right angle (90°) PCB mount connectors.  P : Front panel mount male connectors with jam nut, non-IP65. PE : Front panel mount male connectors with jam nut and gasket, IP65. PR : Rear panel mount male connectors, non-IP65. PRE : Rear panel mount male connectors with gasket, IP65.				

**King Cobra**  
**Version 316**

Step	1	2	3	4	5	6
<b>Example</b>	<b>KC820</b>	<b>F2</b>	<b>0</b>	<b>JE</b>	<b>/AA</b>	<b>- XXX</b>
<b>STEP 1: CONNECTOR VERSION</b> KC820 : King Cobra Series - Eight (8) Size 20 Contacts						<b>STEP 6 - SPECIAL OPTIONS</b> Consult factory.
<b>STEP 2: CONNECTOR GENDER AND TYPE OF CONTACTS</b> M2 : Male panel mount, solder cup, fixed contacts. M3 : Male straight PCB mount, solder. M4 : Male right angle (90°) PCB mount, solder. F2 : Female cable connector, solder cup, fixed contacts. ( Select 0 in Step 3 )				<b>STEP 5: RoHS COMPLIANCE OPTIONS</b> /AA : Compliance per EU Directive 2002/95/EC (RoHS) Note : If RoHS legislation is not required, this step will not be used.		
				<b>STEP 4: HOODS</b> 0 : None. J : Hood with gripper, non-IP65 JE : Hood with gripper and boot, IP65.		
		<b>STEP 3: MOUNTING STYLES</b> 0 : None. S : Spacer for straight PCB mount connectors. S6 : Spacer with push-on fastener for straight PCB mount connectors. N : Push-on fastener for use with alignment bar and right angle (90°) PCB mount connectors.  P : Front panel mount male connectors with jam nut, non-IP65. PE : Front panel mount male connectors with jam nut and gasket, IP65. PR : Rear panel mount male connectors, non-IP65. PRE : Rear panel mount male connectors with gasket, IP65.				

**King Cobra**  
**Version 820**

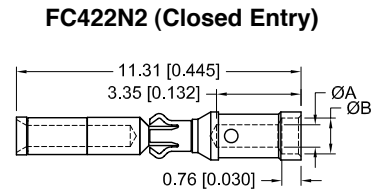
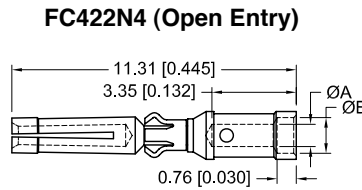
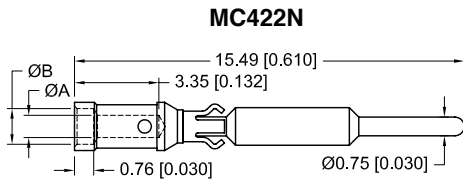
Step	1	2	3	4	5	6
<b>Example</b>	<b>KC1222</b>	<b>M1</b>	<b>P</b>	<b>J</b>	<b>/AA</b>	<b>- XXX</b>
<b>STEP 1: CONNECTOR VERSION</b> KC1222 : King Cobra Series - Twelve (12) Size 22 Contacts						<b>STEP 6 - SPECIAL OPTIONS</b> Consult factory.
<b>STEP 2: CONNECTOR GENDER AND TYPE OF CONTACTS</b> M1 : Male panel mount, removable crimp contacts. F1 : Female cable connector, removable crimp contacts. ( Select 0 in Step 3 )  Note: Contacts ordered separately.				<b>STEP 5: RoHS COMPLIANCE OPTIONS</b> /AA : Compliance per EU Directive 2002/95/EC (RoHS) Note : If RoHS legislation is not required, this step will not be used.		
				<b>STEP 4: HOODS</b> 0 : None. J : Hood with gripper, non-IP65 JE : Hood with gripper and boot, IP65.		
		<b>STEP 3: MOUNTING STYLES</b> 0 : None. P : Front panel mount male connectors with jam nut, non-IP65. PE : Front panel mount male connectors with jam nut and gasket, IP65. PR : Rear panel mount male connectors, non-IP65. PRE : Rear panel mount male connectors with gasket, IP65.				

**King Cobra**  
**Version 1222**





**Removable Crimp Contacts for Version KC1222**



Male Contact	Female Contact	Wire Size AWG [mm <sup>2</sup> ]	ØA	ØB
MC422N	FC422N4   FC422N2	22 [0.3] - 24 [0.25]	0.89 [0.035]	1.42 [0.056]

Please use correct wire size and it should be smaller than ØA of the contact  
(Consult factory for solder style removable contacts.)

**Recommended Tools for Crimp Contacts**

Contact Extraction Tool  
Shown for reference only



Contact Insertion Tool  
Shown for reference only



Cycle-Controlled Step Adjustable Hand Crimp Tool  
Shown for reference only



Contact Size	Contact Extraction Tool	Contact Insertion Tool	Hand Crimp Tool	Semi-Automatic Crimp Machine
Size 22	9081-3	9099-1	9507-0 with 9502-12 positioner (male contacts) 9507-0 with 9502-23 positioner (female contacts)	9550-1

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