

我们所有产品种类 以及 电压大小 和 应用领域汇总

1. 核心系列对比与应用领域

系列名称	核心特点	电压范围 (DC)	主要应用领域
CMC-715 / CMC	多芯、抗电晕、锥形接口。提供 7 芯或更多。	10k - 50kV	雷达、电子战、激光电源。
MIDGI / Micro-MIDGI	微型、模制一体化。极小空间内实现抗电晕。	12k - 15kV	头盔显示器 (HUD)、小型 CRT、导弹电子。
HVL / Dual HVL	高压导线组件。HVL 是单芯，Dual 是双芯。	10k - 50kV	变压器引出线、医疗 X 射线、电源互连。
SCID	经济型、小尺寸。空气挤压式密封。	15kV 左右	商业/工业电源、测试设备、实验室。
CSCB	单芯、屏蔽、螺纹锁紧。抗干扰能力强。	20kV	传感器信号传输、需要 EMI 屏蔽的场合。
RMP	矩形多芯 (Rectangular)。节省面板空间。	5kV	机架式设备、背板连接。
CPW	推拉式 (Push/Pull)。快速插拔，带 O 型圈密封。	12kV	模块化医疗设备、手持测试仪。
Hy-Kon	触点替换件。可放入标准 MIL 壳体 (如 D38999)。	13.5kV	军用航空插头的“高压化”升级。

CMC-715 产品选型 以及 产品型号代码定义

针对 Connectronics 的 **CMC-715 / CMC** 系列，由于其属于高度专业化的军工/航天级高压连接器，选型和订货并非简单的“查表”，而是一套基于性能需求的组合。

以下是该系列的详细选型逻辑、代码含义及订货实例：

1. 型号代码 (Part Number) 代表什么意思？

Connectronics 的代码通常由 “5位基础编号 - 后缀” 组成 (例如：10441-03)。

- **前两位数字 (如 10xxx)**：通常代表系列类别。
 - **10** 开头通常指标准连接器组件 (插头、插座)。
- **中间三位数字 (如 x441x)**：代表具体的物理结构。
 - **10441**：通常指 **CMC-715 插头 (Plug)**。
 - **10443**：通常指 **CMC-715 插座 (Receptacle)**。
- **后缀 (-XX)**：这是订货的关键，根据组件类型意义不同：
 - **对于插座 (Receptacle)**：代表安装方式、键位 (Keying) 或后端引线 (Pigtails) 的长度/规格。
 - **对于电缆组件 (Cable Assembly)**：通常代表**线缆的总长度** (单位通常为英寸)。例如 **-12** 表示 12 英寸长。

2. 如何选型 (选型四步法)

在选择 CMC 系列时，你需要确认以下参数：

第一步：确定芯数与电压

- **CMC-715**：专指 **7 芯**、额定电压 **15kV DC** 的系列。
- **通用 CMC**：如果你需要 1 芯、3 芯或其他电压等级，需查询通用 CMC 目录。

第二步：确定组件类型

- 你需要的是安装在面板上的**插座 (Receptacle)**？
- 还是连接在电缆上的**插头 (Plug)**？
- 或者是已经做成成品线的**电缆组件 (Cable Assembly)**？

第三步：环境要求 (抗电晕性能)

- CMC 系列核心优势是**抗电晕 (Corona Mitigating)**。如果你的设备运行在高海拔 (如 70,000 英尺)，必须选择带锥形界面 (Tapered Interface) 设计的型号。

第四步：物理安装限制

- **法兰形状**：正方形法兰还是圆形法兰？
 - **锁紧方式**：通常为螺纹锁紧。
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3. 具体订货怎么订？（举例说明）

由于官网不直接提供一键式下拉菜单，订货通常需要向代理商或厂家提供**规格描述**。

案例 A：订购面板插座

- **需求：**一个 7 芯的 CMC-715 插座，安装在电源箱上，后端需要带 10 英寸的硅胶高压线。
- **描述方式：** Part No: 10443-10, CMC-715 Receptacle, 7-contact, with 10" pigtail leads.
- **注意：**后缀 -10 在这里指引线长度。

案例 B：订购成品电缆线（双头）

- **需求：**一根两端都是 CMC-715 插头的连接线，全长 1 米（约 40 英寸）。
- **描述方式：** Part No: 10441-40, CMC-715 Plug-to-Plug Cable Assembly, Length 40 inches.
- **注意：**厂家会根据这个代码，将两端的插头与高压屏蔽线进行注塑一体化（Overmolding）处理。

案例 C：特殊环境定制

- **需求：**在真空环境下使用，需要低出气材料。
- **描述方式：**在上述零件号后加注 Request Low Outgassing materials per ASTM E595.

4. 选型建议清单

在联系供应商之前，请准备好以下清单，可以极大提高准确率：

1. **最高工作电压 (VDC)**
2. **工作海拔/气压**（这决定了对“抗电晕”等级的要求）
3. **芯数**（1, 3, 7 或定制）
4. **连接器极性**（通常插座带针 Pin，插头带孔 Socket，但可以反转）
5. **线缆长度**（如果选购组件）
6. **是否有屏蔽需求**（是否需要带金属编织网）

专家提示：Connectronics 的零件号有时会因为不同的“键位 (Key)”而改变。为了防止误插（例如两个相同的设备并列），建议询问是否有 **Key A**, **Key B** 等选项。

CMC-715 系列

“CMC-715”系列连接器组件采用锥形接口，以确保在极端海拔和温度条件下实现耐电晕操作。20号触点设计用于接受16号至24号美国线规（AWG）的绞合线。连接器可以以“套件”形式购买，或由Connectronics进行端接，包括直式和直角包覆成型。CMC-715系列七导体连接器在同一个外壳内提供多个高压连接。这一设计理念以低成本为最苛刻的应用提供了最大的可靠性。



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<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10125-01</u>	Standard Interface Keying, Clear Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
	Alternate Interface Keying, Clear						

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<u>10125-02</u>	Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10125-03</u>	Standard Interface Keying, Olive Drab Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10125-04</u>	Alternate Interface Keying, Olive Drab Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10125-05</u>	Standard Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10125-06</u>	Alternate Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
	Standard Interface						

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<u>10125-07</u>	Keying, Black Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10125-08</u>	Alternate Interface Keying, Black Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10031-01</u>	Standard Interface Keying, Clear Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10031-02</u>	Alternate Interface Keying, Clear Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10031-03</u>	Standard Interface Keying, Olive Drab Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
	Alternate Interface Keying, Olive						

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<u>10031-04</u>	Drab Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10031-05</u>	Standard Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10031-06</u>	Alternate Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10031-07</u>	Standard Interface Keying, Black Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10031-08</u>	Alternate Interface Keying, Black Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
	Standard Interface						

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<u>10018-01</u>	Keying, Clear Cadmium Straight Plug Assembly with Pin Contacts	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10018-02</u>	Alternate Interface Keying, Clear Cadmium Straight Plug Assembly with Pin Contacts	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10018-03</u>	Standard Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Pin Contacts	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10018-04</u>	Alternate Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Pin Contacts	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10018-05</u>	Standard Interface Keying, Electroless Nickel Straight Plug Assembly with Pin Contacts	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10018-06</u>	Alternate Interface Keying, Electroless Nickel Straight Plug Assembly with Pin	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft

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	Contacts						
<u>10018-07</u>	Standard Interface Keying, Black Cadmium Straight Plug Assembly with Pin Contacts	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10018-08</u>	Alternate Interface Keying, Black Cadmium Straight Plug Assembly with Pin Contacts	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10124-01</u>	Standard Interface Keying, Clear Cadmium Straight Plug Assembly with Socket Contacts	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10124-02</u>	Alternate Interface Keying, Clear Cadmium Straight Plug Assembly with Socket Contacts	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10124-03</u>	Standard Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Socket Contacts	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
	Alternate Interface						

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10124-04</u>	Keying, Olive Drab Cadmium Straight Plug Assembly with Socket Contacts	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10124-05</u>	Standard Interface Keying, Electroless Nickel Straight Plug Assembly with Socket Contacts	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10124-06</u>	Alternate Interface Keying, Electroless Nickel Straight Plug Assembly with Socket Contacts	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10124-07</u>	Standard Interface Keying, Black Cadmium Straight Plug Assembly with Socket Contacts	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10124-08</u>	Alternate Interface Keying, Black Cadmium Straight Plug Assembly with Socket Contacts	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10243-01</u>	Standard Interface Keying, Clear Cadmium Box Mount Receptacle	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft

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	Assembly with Pin Contacts						
<u>10243-02</u>	Alternate Interface Keying, Clear Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10243-03</u>	Standard Interface Keying, Olive Drab Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10243-04</u>	Alternate Interface Keying, Olive Drab Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10243-05</u>	Standard Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10243-06</u>	Alternate Interface Keying, Electroless Nickel Box Mount	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft

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	Receptacle Assembly with Pin Contacts						
<u>10243-07</u>	Standard Interface Keying, Black Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10243-08</u>	Alternate Interface Keying, Black Cadmium Box Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10098-01</u>	Standard Interface Keying, Clear Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10098-02</u>	Alternate Interface Keying, Clear Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10098-03</u>	Standard Interface Keying, Olive Drab Cadmium Box Mount Receptacle	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
	Assembly with Socket Contacts						
<u>10098-04</u>	Alternate Interface Keying, Olive Drab Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10098-05</u>	Standard Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10098-06</u>	Alternate Interface Keying, Electroless Nickel Box Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10098-07</u>	Standard Interface Keying, Black Cadmium Box Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10098-08</u>	Alternate Interface Keying, Black Cadmium Box Mount	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
	Receptacle Assembly with Socket Contacts						
<u>10564-01</u>	Standard Interface Keying, Clear Cadmium Right Angle Plug Assembly with Pin Contacts	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10564-02</u>	Alternate Interface Keying, Clear Cadmium Right Angle Plug Assembly with Pin Contacts	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10564-03</u>	Standard Interface Keying, Olive Drab Cadmium Right Angle Plug Assembly with Pin Contacts	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10564-04</u>	Alternate Interface Keying, Olive Drab Cadmium Right Angle Plug Assembly with Pin Contacts	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10564-05</u>	Standard Interface Keying, Electroless Nickel Right Angle Plug Assembly with Pin Contacts	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10564-06</u>	Alternate Interface Keying, Electroless Nickel Right Angle Plug Assembly with Pin Contacts	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10564-07</u>	Standard Interface Keying, Black Cadmium Right Angle Plug Assembly with Pin Contacts	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10564-08</u>	Alternate Interface Keying, Black Cadmium Right Angle Plug Assembly with Pin Contacts	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10565-01</u>	Standard Interface Keying, Clear Cadmium Right Angle Plug Assembly with Socket Contacts	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10565-02</u>	Alternate Interface Keying, Clear Cadmium Right Angle Plug Assembly with Socket Contacts	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10565-03</u>	Standard Interface Keying, Olive Drab Cadmium Right Angle	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
	Plug Assembly with Socket Contacts						
<u>10565-04</u>	Alternate Interface Keying, Olive Drab Cadmium Right Angle Plug Assembly with Socket Contacts	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10565-05</u>	Standard Interface Keying, Electroless Nickel Right Angle Plug Assembly with Socket Contacts	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10565-06</u>	Alternate Interface Keying, Electroless Nickel Right Angle Plug Assembly with Socket Contacts	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10565-07</u>	Standard Interface Keying, Black Cadmium Right Angle Plug Assembly with Socket Contacts	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10565-08</u>	Alternate Interface Keying, Black Cadmium Right Angle Plug Assembly with Socket Contacts	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10244-01</u>	Standard Interface Keying, Clear Cadmium Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10244-02</u>	Alternate Interface Keying, Clear Cadmium Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10244-03</u>	Standard Interface Keying, Olive Drab Cadmium Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10244-04</u>	Alternate Interface Keying, Olive Drab Cadmium Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10244-05</u>	Standard Interface Keying, Electroless Nickel Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10244-06</u>	Alternate Interface Keying, Electroless Nickel Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10244-07</u>	Standard Interface Keying, Black Cadmium Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10244-08</u>	Alternate Interface Keying, Black Cadmium Jam Nut Mount Receptacle Assembly with Pin Contacts	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10190-01</u>	Standard Interface Keying, Clear Cadmium Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10190-02</u>	Alternate Interface Keying, Clear Cadmium Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10190-03</u>	Standard Interface Keying, Olive Drab Cadmium Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10190-04</u>	Alternate Interface Keying, Olive Drab Cadmium Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10190-05</u>	Standard Interface Keying, Electroless Nickel Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10190-06</u>	Alternate Interface Keying, Electroless Nickel Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10190-07</u>	Standard Interface Keying, Black Cadmium Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10190-08</u>	Alternate Interface Keying, Black Cadmium Jam Nut Mount Receptacle Assembly with Socket Contacts	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10440-01</u>	Standard Interface Keying, Clear Cadmium Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10440-02</u>	Alternate Interface Keying, Clear Cadmium Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10440-03</u>	Standard Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10440-04</u>	Alternate Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Hex Coupling	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
	Nut and Pin Contacts						
<u>10440-05</u>	Standard Interface Keying, Electroless Nickel Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10440-06</u>	Alternate Interface Keying, Electroless Nickel Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10440-07</u>	Standard Interface Keying, Black Cadmium Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10440-08</u>	Alternate Interface Keying, Black Cadmium Straight Plug Assembly with Hex Coupling Nut and Pin Contacts	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
	Standard						

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<u>10441-01</u>	Interface Keying, Clear Cadmium Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10441-02</u>	Alternate Interface Keying, Clear Cadmium Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10441-03</u>	Standard Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10441-04</u>	Alternate Interface Keying, Olive Drab Cadmium Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10441-05</u>	Standard Interface Keying, Electroless Nickel Straight Plug Assembly with Hex	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
	Coupling Nut and Socket Contacts						
<u>10441-06</u>	Alternate Interface Keying, Electroless Nickel Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10441-07</u>	Standard Interface Keying, Black Cadmium Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10441-08</u>	Alternate Interface Keying, Black Cadmium Straight Plug Assembly with Hex Coupling Nut and Socket Contacts	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10635-01</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Standard Interface Keying, Clear Cadmium	Pin	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10635-02</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Alternate Interface Keying, Clear Cadmium	Pin	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10635-03</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Standard Interface Keying, Olive Drab Cadmium	Pin	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10635-04</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Alternate Interface Keying, Olive Drab Cadmium	Pin	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10635-05</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Standard Interface Keying, Electroless Nickel	Pin	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
	Right Angle						

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10635-06</u>	Plug Assembly with Hex Coupling Nut and Pin Contacts-Alternate Interface Keying, Electroless Nickel	Pin	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10635-07</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Standard Interface Keying, Black Cadmium	Pin	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10635-08</u>	Right Angle Plug Assembly with Hex Coupling Nut and Pin Contacts-Alternate Interface Keying, Black Cadmium	Pin	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10636-01</u>	Right Angle Plug Assembly with Hex Coupling Nut and Socket Contacts-Standard Interface Keying, Clear Cadmium	Socket	Standard Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
	Right Angle Plug Assembly						

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10636-02</u>	with Hex Coupling Nut and Socket Contacts-Alternate Interface Keying, Clear Cadmium	Socket	Alternate Keying	Clear Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10636-03</u>	Right Angle Plug Assembly with Hex Coupling Nut and Socket Contacts-Standard Interface Keying, Olive Drab Cadmium	Socket	Standard Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10636-04</u>	Right Angle Plug Assembly with Hex Coupling Nut and Socket Contacts-Alternate Interface Keying, Olive Drab Cadmium	Socket	Alternate Keying	Olive Drab Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10636-05</u>	Right Angle Plug Assembly with Hex Coupling Nut and Socket Contacts-Standard Interface Keying, Electroless Nickel	Socket	Standard Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
	Right Angle Plug Assembly with Hex						

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>10636-06</u>	Coupling Nut and Socket Contacts-Alternate Interface Keying, Electroless Nickel	Socket	Alternate Keying	Electroless Nickel	15 kV	7.5 A	Up to 70,000 ft
<u>10636-07</u>	Right Angle Plug Assembly with Hex Coupling Nut and Socket Contacts-Standard Interface Keying, Black Cadmium	Socket	Standard Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>10636-08</u>	Right Angle Plug Assembly with Hex Coupling Nut and Socket Contacts-Alternate Interface Keying, Black Cadmium	Socket	Alternate Keying	Black Cadmium	15 kV	7.5 A	Up to 70,000 ft
<u>RAMPA</u>	Right Angle Molded Plug Assembly	N/A	N/A	N/A	15 kV	7.5 A	Up to 70,000 ft
<u>SMPA</u>	Straight Molded Plug Assembly	N/A	N/A	N/A	15 kV	7.5 A	Up to 70,000 ft
<u>093-045-01</u>	Clear Cadmium Shield Termination Hardware Connector Accessory	N/A	N/A	Clear Cadmium	N/A	N/A	Up to 70,000 ft

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>093-045-02</u>	Olive Drab Cadmium Shield Termination Hardware Connector Accessory	N/A	N/A	Olive Drab Cadmium	N/A	N/A	Up to 70,000 ft
<u>093-045-03</u>	Black Cadmium Shield Termination Hardware Connector Accessory	N/A	N/A	Black Cadmium	N/A	N/A	Up to 70,000 ft
<u>093-045-04</u>	Electroless Nickel Shield Termination Hardware Connector Accessory	N/A	N/A	Electroless Nickel	N/A	N/A	Up to 70,000 ft
<u>093-009-01</u>	Clear Cadmium Shield Termination Hardware Connector Accessory	N/A	N/A	Clear Cadmium	N/A	N/A	Up to 70,000 ft
<u>093-009-02</u>	Olive Drab Cadmium Shield Termination Hardware Connector Accessory	N/A	N/A	Olive Drab Cadmium	N/A	N/A	Up to 70,000 ft
<u>093-009-03</u>	Black Cadmium Shield Termination Hardware Connector Accessory	N/A	N/A	Black Cadmium	N/A	N/A	Up to 70,000 ft
<u>093-009-04</u>	Electroless Nickel Shield Termination Hardware	N/A	N/A	Electroless Nickel	N/A	N/A	Up to 70,000 ft

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	Connector Accessory						
<u>099-157-01</u>	Clear Cadmium Extended Backshell Connector Accessory	N/A	N/A	Clear Cadmium	N/A	N/A	Up to 70,000 ft
<u>099-157-02</u>	Olive Drab Cadmium Extended Backshell Connector Accessory	N/A	N/A	Olive Drab Cadmium	N/A	N/A	Up to 70,000 ft
<u>099-157-03</u>	Black Cadmium Extended Backshell Connector Accessory	N/A	N/A	Black Cadmium	N/A	N/A	Up to 70,000 ft
<u>099-157-04</u>	Electroless Nickel Extended Backshell Connector Accessory	N/A	N/A	Electroless Nickel	N/A	N/A	Up to 70,000 ft
<u>099-042-01</u>	Clear Cadmium Cable Clamp Connector Accessory	N/A	N/A	Clear Cadmium	N/A	N/A	Up to 70,000 ft
<u>099-042-02</u>	Olive Drab Cadmium Cable Clamp Connector Accessory	N/A	N/A	Olive Drab Cadmium	N/A	N/A	Up to 70,000 ft
<u>099-042-03</u>	Black Cadmium Cable Clamp Connector Accessory	N/A	N/A	Black Cadmium	N/A	N/A	Up to 70,000 ft
	Electroless						

<u>Item #</u>	<u>Item Name</u>	<u>Contact Type</u>	<u>Interface Keying</u>	<u>Plating</u>	<u>Direct Current (DC) Voltage</u>	<u>Maximum Current</u>	<u>Sea Level Altitude</u>
<u>099-042-04</u>	Nickel Cable Clamp Connector Accessory	N/A	N/A	Electroless Nickel	N/A	N/A	Up to 70,000 ft