

7-Pin Universal Connector

SKU #: ECX-HDC-712R

The ECX-HDC-712R 7-Pin Universal Heavy Duty Receptacle. This angled cable-mount receptacle supports mating with plug, ECX-HDC-730P. This series of connectors is convenient for equipment designs where high-volume integration of the plug end is used on world-wide power circuits and the receptacle end is provided for power cables of particular locations.

PRODUCT SPECIFICATIONS

PHYSICAL	SPECS
Pin Count	2x3+PE
Rated Operating Voltage: Per IEC/EN61984	1000 V
Rated Operating Voltage: Per UL	600 V
Rated Operating Current: Per IEC/EN61984	40 A
Rated Operating Current: Per UL1977	40 A
Rated Operating Current: Per CSA C22.2	25 A
HiPot Test	8 kV
Material	Polyamide
UL94 Fire Rating	V0
Insulation Resistance	$\geq 10^{10} \Omega$
Operating Temperature	-40°C...+125°C
Mating Cycles	≥ 500
Connector Orientation	Angled
Contact Pin	
Wire Bonding	Crimp
Material	Copper Alloy
Surface Treatment	Silver Plated
Contact Impedence	$\leq 0.5m\Omega$
Wire Gauge	9 AWG / 6 mm ²
Maximum Insulation Diameter	11 mm
Wire Stripping Length	15.5 mm
Tool	Hydraulic Crimping Tool - TL05



PRODUCT COMPLIANCE

TYPE	STANDARDS
UL Recognized	UL1977
UL Tested	CAN/CSA C22.2 No. 182.3-16
Dekra	IEC 61984
Ingress	IP65 mated