DIELECTRIC WITHSTANDING VOLTAGE RATINGS

FOR 90 SERIES, ICON, AND I2 MODULE TYPES

INDEX *(CLICK TO NAVIGATE TO PAGE)*

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QUADRAPADDLE IN ICON SERIES MODULE

PART # 610138116, 610138109, 510160101, 510161101

SPECIFICATIONS

Available contact positions	160
Typical Breakdown Voltage	2.2 kVDC 1.3 kVAC
Dielectric Withstanding Voltage (DWV)	1.65 kVDC 1.0 kVAC

Available contact positions	80
Typical Breakdown Voltage	3.5 kVDC 2.3 kVAC
Dielectric Withstanding Voltage (DWV)	2.6 kVDC 1.7 kVAC

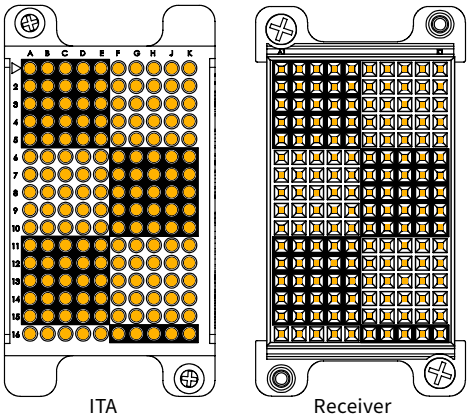
Available contact positions	40
Typical Breakdown Voltage	6.0 kVDC 4.2 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 3.15 kVAC

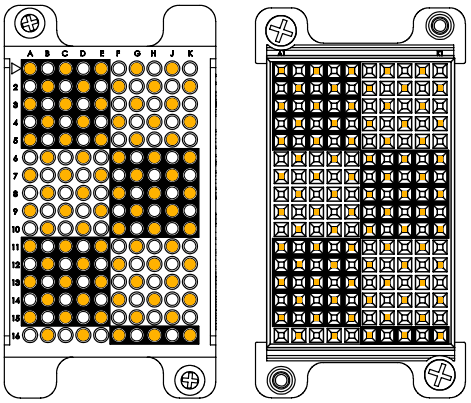
NOTE: Maximum voltage applied during test was 6.0 kVDC

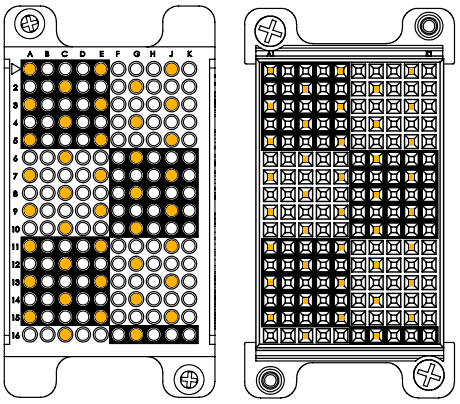
NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

CONTACT ARRANGEMENT







Terminated Position
Unterminated Position

RETURN TO INDEX

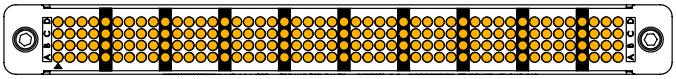
QUADRAPADDLE IN 90 SERIES MODULE

PART # 610138116, 610138109, 510150115, 510151105

SPECIFICATIONS

Available contact positions	192
Typical Breakdown Voltage	2.1 kVDC 1.4 kVAC
Dielectric Withstanding Voltage (DWV)	1.5 kVDC 1.0 kVAC

CONTACT ARRANGEMENT



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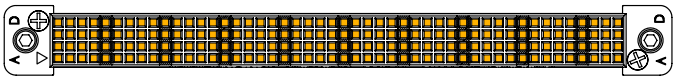
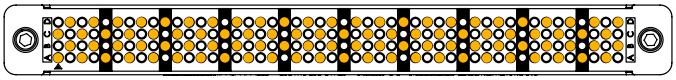


Receiver

Available contact positions	96
Typical Breakdown Voltage	3.3 kVDC 2.0 kVAC
Dielectric Withstanding Voltage (DWV)	2.4 kVDC 1.5 kVAC



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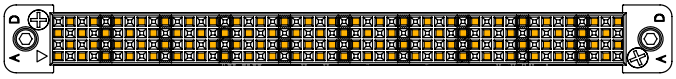
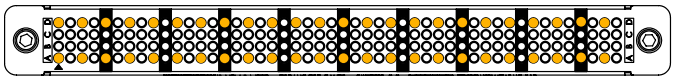


Receiver

Available contact positions	48
Typical Breakdown Voltage	5.8 kVDC 3.6 kVAC
Dielectric Withstanding Voltage (DWV)	4.4 kVDC 2.7 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC



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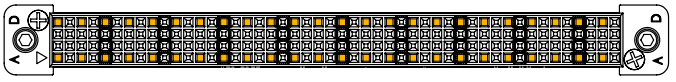
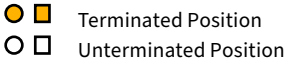


Receiver

NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.



RETURN TO INDEX

QUADRAPADDLE IN I2 SERIES MODULE

PART # 610138116, 610138109, 310130XXX, 410130101

SPECIFICATIONS

Available contact positions	168
Typical Breakdown Voltage	2.6 kVDC 1.6 kVAC
Dielectric Withstanding Voltage (DWV)	1.95 kVDC 1.2 kVAC

Available contact positions	84
Typical Breakdown Voltage	3.9 kVDC 2.3 kVAC
Dielectric Withstanding Voltage (DWV)	2.9 kVDC 1.7 kVAC

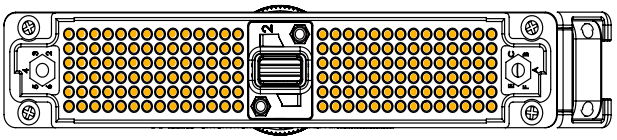
Available contact positions	42
Typical Breakdown Voltage	5.7 kVDC 3.6 kVAC
Dielectric Withstanding Voltage (DWV)	4.3 kVDC 2.7 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC

NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

CONTACT ARRANGEMENT



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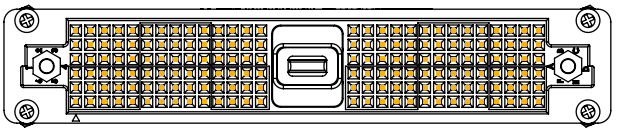
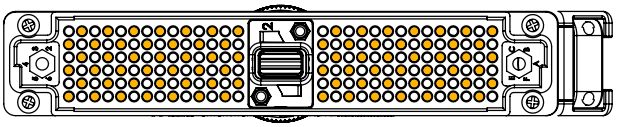


Receiver



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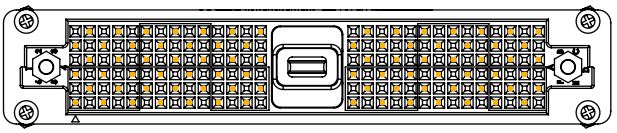
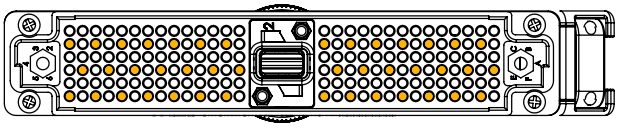


Receiver



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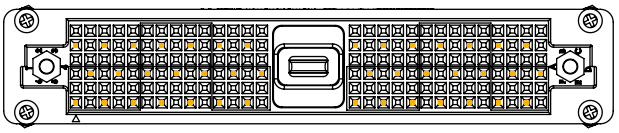


Receiver

Terminated Position
Unterminated Position

RETURN TO INDEX

TRIPADDLE IN ICON SERIES MODULE

PART # 610110101, 610110108, 510160108, 510161108, 510160133, 510161133

SPECIFICATIONS

Available contact positions	96
Typical Breakdown Voltage	3.0 kVDC 1.8 kVAC
Dielectric Withstanding Voltage (DWV)	2.25 kVDC 1.35 kVAC

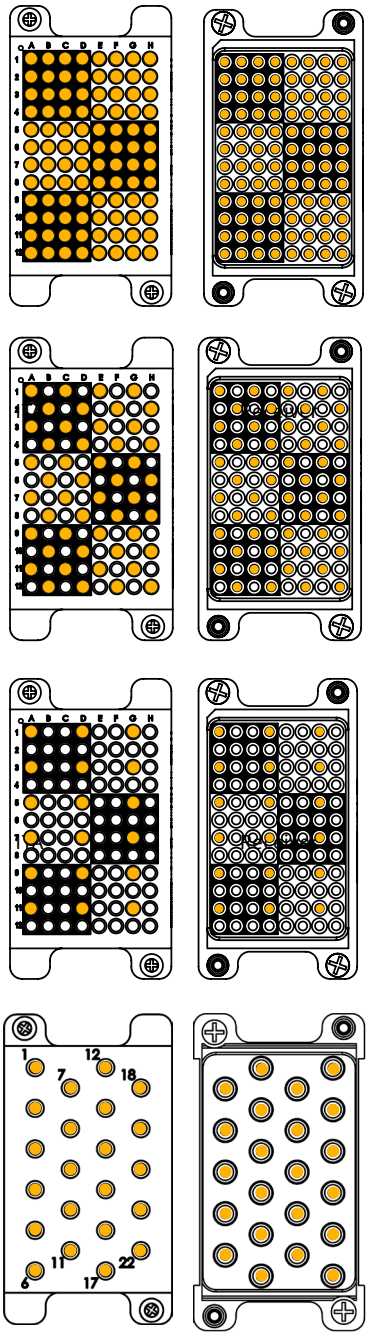
Available contact positions	48
Typical Breakdown Voltage	5.2 kVDC 2.7 kVAC
Dielectric Withstanding Voltage (DWV)	3.9 kVDC 2.0 kVAC

Available contact positions	18
Typical Breakdown Voltage	6.0 kVDC 4.6 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 3.5 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC

Available contact positions	22
Typical Breakdown Voltage	15.0 kVDC 6.0 kVAC
Dielectric Withstanding Voltage (DWV)	11.25 kVDC 4.5 kVAC

CONTACT ARRANGEMENT



ITA Receiver

Terminated Position
Unterminated Position

NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

RETURN TO INDEX

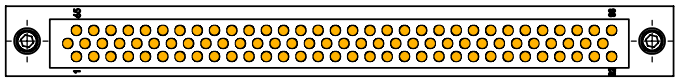
TRIPADDLE IN 90 SERIES MODULE

PART # 610110101, 610110108, 510104136, 510108126, 510108298, 510104325

SPECIFICATIONS

Available contact positions	96
Typical Breakdown Voltage	2.7 kVDC 1.5 kVAC
Dielectric Withstanding Voltage (DWV)	2.0 kVDC 1.0 kVAC

CONTACT ARRANGEMENT



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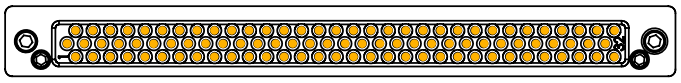
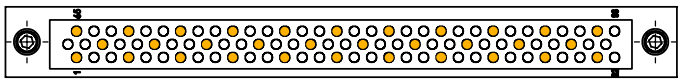


Receiver

Available contact positions	32
Typical Breakdown Voltage	6.0 kVDC 3.7 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 2.8 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC



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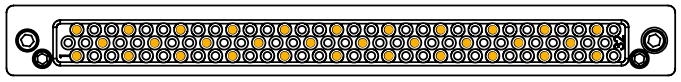
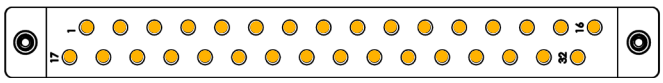


Receiver

Available contact positions	32
Typical Breakdown Voltage	15.0 kVDC 6.0 kVAC
Dielectric Withstanding Voltage (DWV)	11.25 kVDC 4.5 kVAC



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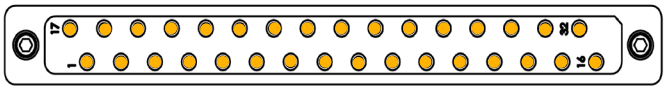


Receiver

NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

Terminated Position
Unterminated Position

RETURN TO INDEX

MINI POWER IN ICON SERIES MODULE

PART # 610116112, 610115124, 510160104 , 510161104

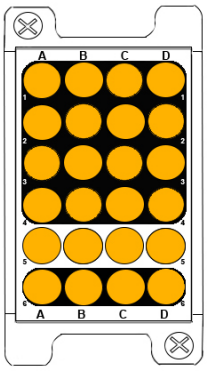
SPECIFICATIONS

Available contact positions	24
Typical Breakdown Voltage	2.75 kVDC 2.2 kVAC
Dielectric Withstanding Voltage (DWV)	2.0 kVDC 1.65 kVAC

Available contact positions	12
Typical Breakdown Voltage	6 kVDC 5 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 3.75 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC

CONTACT ARRANGEMENT



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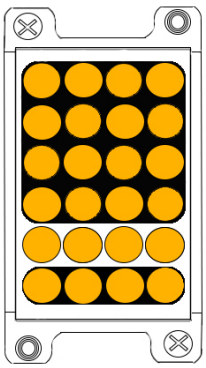
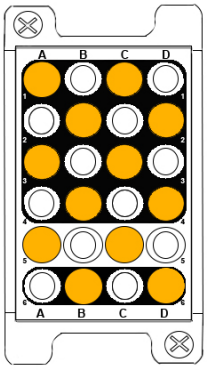


Receiver



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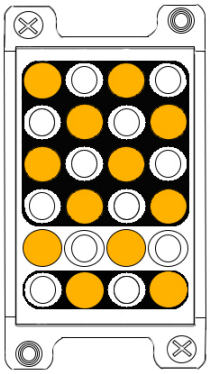


Receiver

NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

Terminated Position
Unterminated Position

RETURN TO INDEX

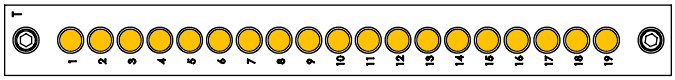
MINI POWER IN 90 SERIES MODULE

PART # 610116112, 610115125, 510104123, 510108115

SPECIFICATIONS

Available contact positions	19
Typical Breakdown Voltage	2.4 kVDC 1.9 kVAC
Dielectric Withstanding Voltage (DWV)	1.5 kVDC 1.0 kVAC

CONTACT ARRANGEMENT



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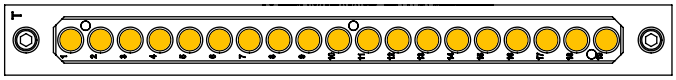
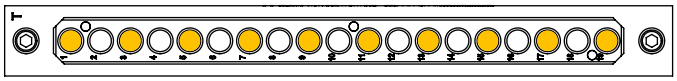


Receiver

Available contact positions	10
Typical Breakdown Voltage	6.0 kVDC 5.0 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 3.7 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC

ITA



Receiver

Test Conditions were as follows
Date: 5/11/2011
Temperature: 23°C (74°F)
Humidity: 40%
Pressure: 1017 hPa (30.03 inHg)

NOTE: IT IS SUGGESTED THAT THE OPERATING RATED VOLTAGE OF THE CONNECTOR BE ESTBALISHED AS 1/3 OF THE WITHSTANDING VOLTAGE.

STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

Terminated Position
Unterminated Position

RETURN TO INDEX