



DIELECTRIC WITHSTANDING VOLTAGE RATINGS

FOR 90 SERIES, ICON, AND I2 MODULE TYPES

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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)	1.5 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

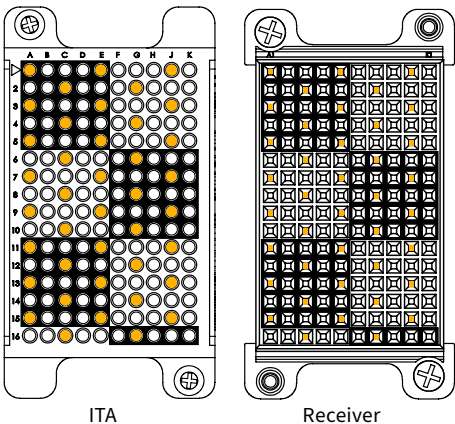
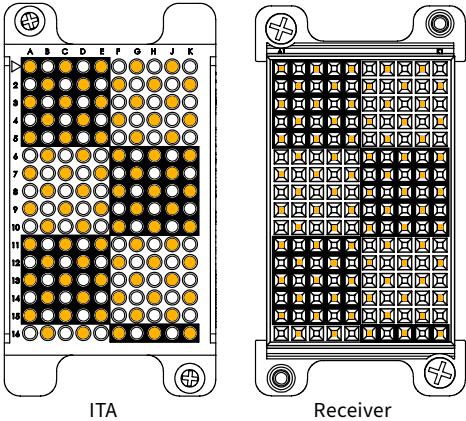
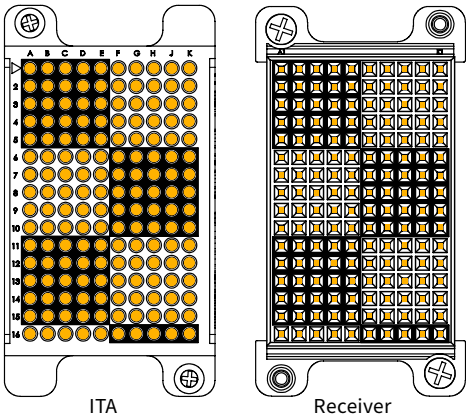
NOTE: Maximum voltage applied during test was 6.0 kVDC

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

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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

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

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

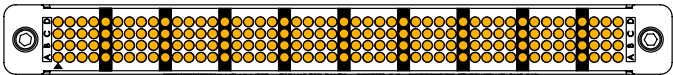
NOTE: Maximum voltage applied during test was 6.0 kVDC

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

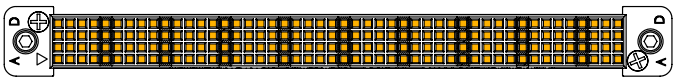


STANDARD VPC WIRE IS RATED TO A MAXIMUM OF 600 VDC. HIGHER RATED WIRE IS AVAILABLE UPON REQUEST. USE CAUTION WHEN TESTING AT VOLTAGES HIGHER THAN THE WIRE RATING FOR RISK OF ELECTRIC SHOCK.

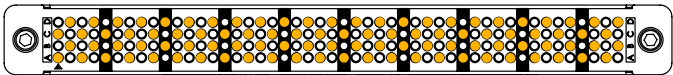
CONTACT ARRANGEMENT



ITA



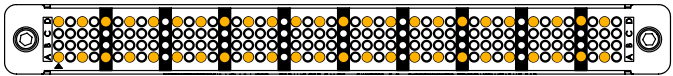
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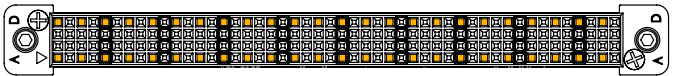
ITA



Receiver



ITA



Receiver

- Terminated Position
- Unterminated Position

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)	1.5 kVDC 1.0 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

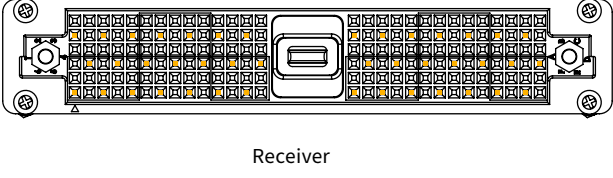
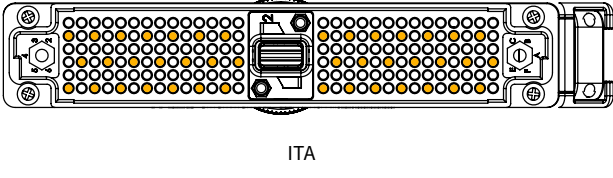
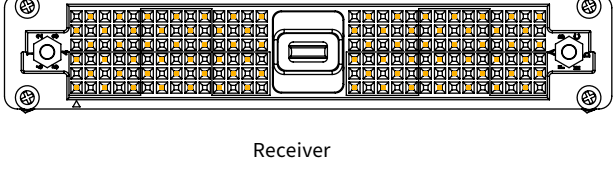
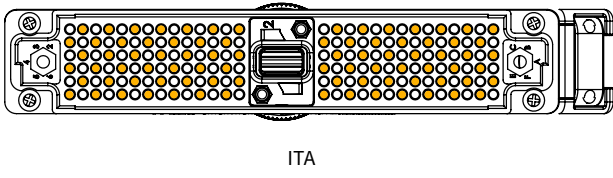
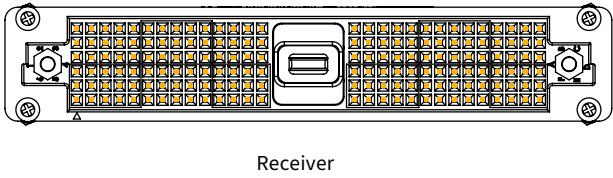
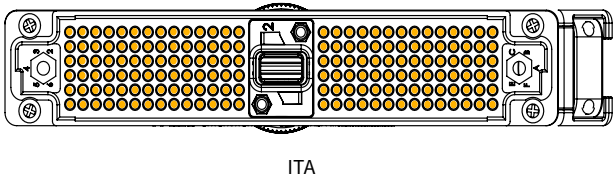
NOTE: Maximum voltage applied during test was 6.0 kVDC

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



- Terminated Position
- Unterminated Position

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TRIPADDLE IN ICON SERIES MODULE

PART # 610110101, 610110108, 510160108, 510161108

SPECIFICATIONS

Available contact positions	96
Typical Breakdown Voltage	3.0 kVDC 1.8 kVAC
Dielectric Withstanding Voltage (DWV)	1.5 kVDC 1.0 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

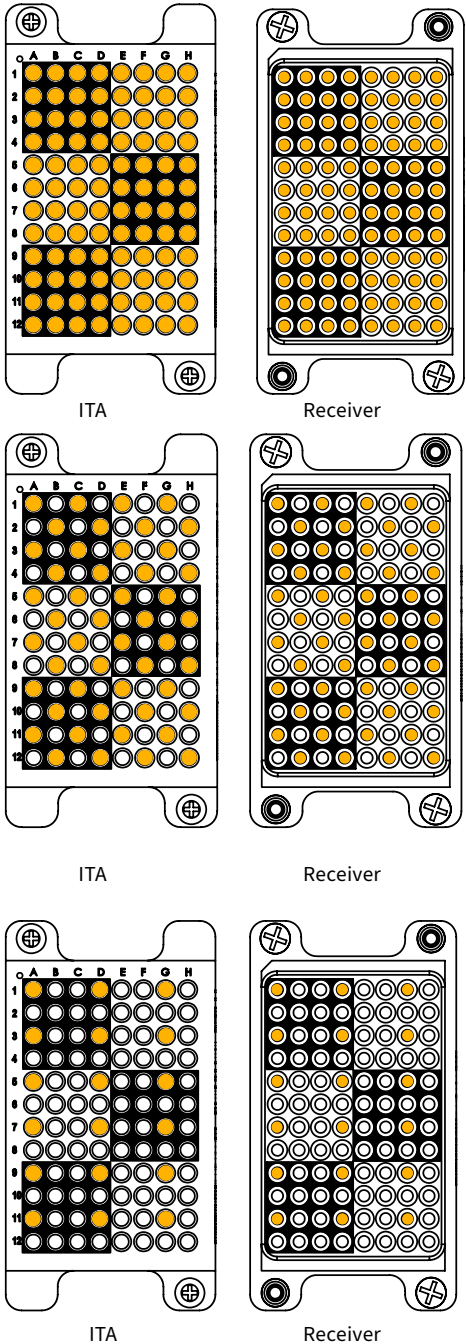
NOTE: Maximum voltage applied during test was 6.0 kVDC

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

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TRIPADDLE IN 90 SERIES MODULE

PART # 610110101, 610110108, 510104136, 510108126

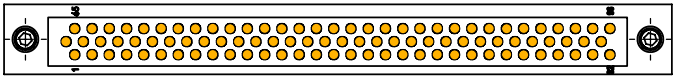
SPECIFICATIONS

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

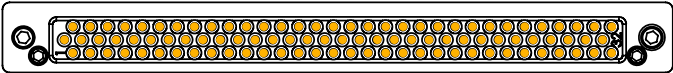
Available contact positions	32
Typical Breakdown Voltage	6.0 kVDC 3.7 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 2.8 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC

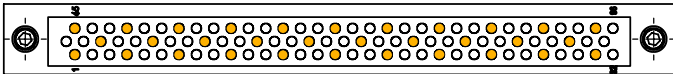
CONTACT ARRANGEMENT



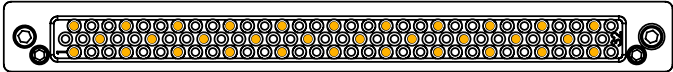
ITA



Receiver



ITA



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

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MINI POWER IN ICON SERIES MODULE

PART # 610116112, 610115124, 510160104 , 510161104

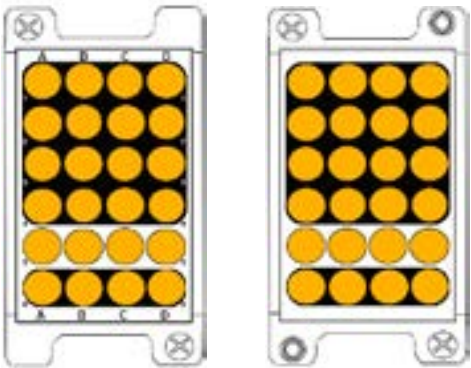
SPECIFICATIONS

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

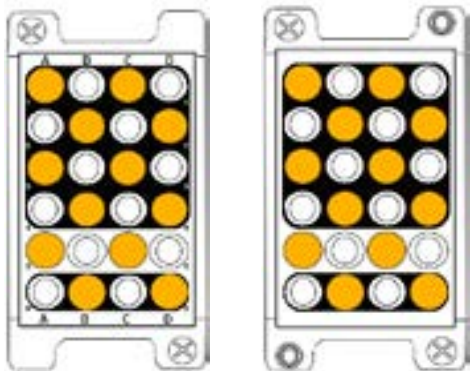
NOTE: Maximum voltage applied during test was 6.0 kVDC

CONTACT ARRANGEMENT



ITA

Receiver



ITA

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

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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

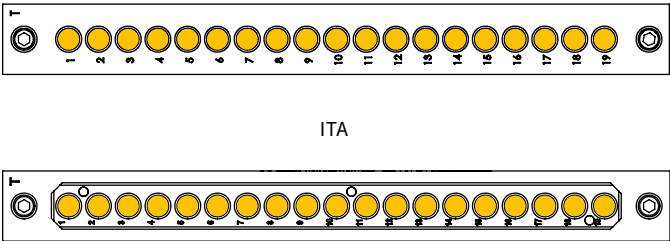
Available contact positions	10
Typical Breakdown Voltage	6.0 kVDC 5.0 kVAC
Dielectric Withstanding Voltage (DWV)	4.5 kVDC 3.7 kVAC

NOTE: Maximum voltage applied during test was 6.0 kVDC

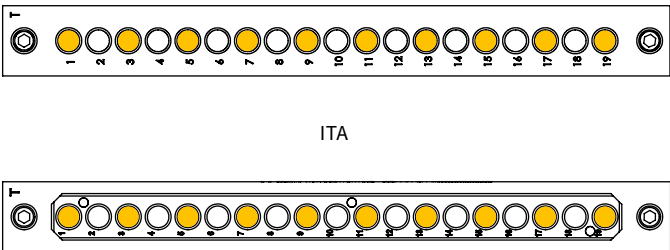
Test Conditions were as follows

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

CONTACT ARRANGEMENT



Receiver



Receiver

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



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- Terminated Position
- Unterminated Position

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