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Stocking Distributor

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[1300170004](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Mini-Change® Connectors

3P & 5P

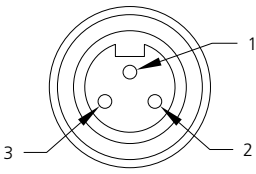
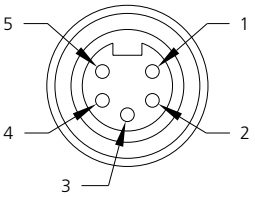


Attachable Connectors

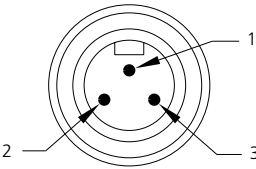
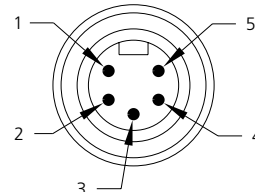
Allows easy field conversion to quick disconnect

Male with internal or external threads - female with internal threads

Secure screw terminals #15 AWG to #24 AWG - compatible with existing Mini-Change®

NEW	3P	5P
FEMALE FACE VIEW		
VOLTAGE	600V AC/DC	600V AC/DC
CURRENT	13A	8A
CABLE RANGE	.20"-.48" (5mm-12mm) O.D.	.20"-.48" (5mm-12mm) O.D.

FEMALE	FIG	CATALOG NUMBER	
STRAIGHT WITH INTERNAL THREADS	1	1A3000-34	1A5000-34
MATING RECEPTACLE	4	1R3006A20A120	1R5006A20A120

	3P	5P
MALE FACE VIEW		
VOLTAGE	600V AC/DC	600V AC/DC
CURRENT	13A	8A
CABLE RANGE	.20"-.48" (5mm-12mm) O.D.	.20"-.48" (5mm-12mm) O.D.

MALE	FIG	CATALOG NUMBER	
STRAIGHT WITH EXTERNAL THREADS	2	1A3006-34	1A5006-34
MATING RECEPTACLE*	5	1R3000A20A120	1R5000A20A120
STRAIGHT WITH INTERNAL THREADS	3	1A3002-34	1A5002-34
MATING RECEPTACLE*	6	1R3004A20A120	1R5004A20A120

*See Page 46 for additional Mating Receptacles

Specifications

3P & 5P



MECHANICAL

CONNECTOR FACE: POLYURETHANE

BODY: POLYAMIDE PA6

CONTACT: GOLD-PLATED BRASS

COUPLING NUT: NICKEL-PLATED BRASS

GROMMET: NEOPRENE

CABLE RANGE O.D.: .20" - .48" (5.0 - 12.0mm)

ACCEPTABLE WIRE GAUGE RANGE: #24 AWG (.25mm²) - #15 AWG (2.0mm²)

ELECTRICAL

VOLTAGE RATING: 600 V AC/DC

AMPERAGE: 3P - 13A

5P - 8A

ENVIRONMENTAL

PROTECTION: IP 68

AMBIENT OPERATING TEMP: -40° TO 176° F (-40° TO 80° C)

CERTIFICATIONS

CSA: CSA CERTIFIED, FILE NO. LR6837

CONNECTOR DIMENSIONS

FEMALE STRAIGHT WITH INTERNAL THREADS

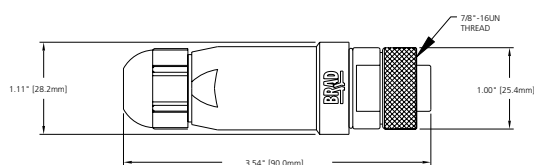


FIG 1

MALE STRAIGHT WITH EXTERNAL THREADS

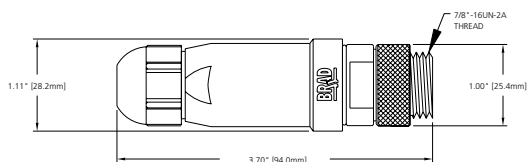


FIG 2

MALE STRAIGHT WITH INTERNAL THREADS

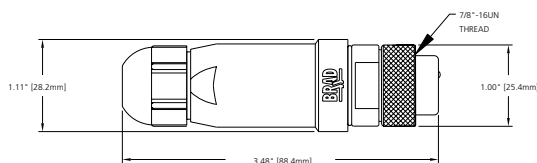


FIG 3

RECEPTACLE DIMENSIONS

MALE RECEPTACLE WITH EXTERNAL THREADS AND 1/2" - 14NPT MOUNTING THREADS

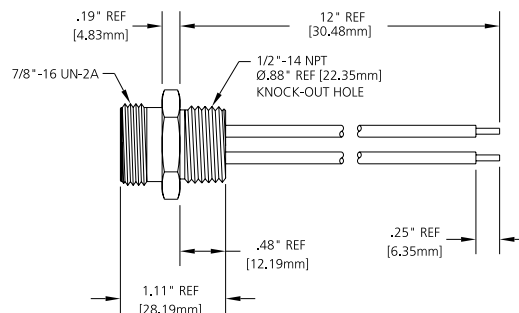


FIG 4

FEMALE RECEPTACLE WITH INTERNAL THREADS AND 1/2" - 14NPT MOUNTING THREADS

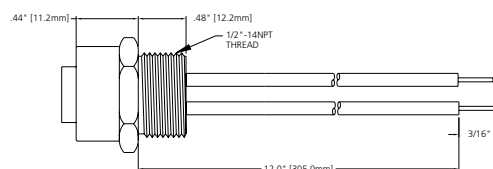


FIG 5

SEE PAGE 46 FOR
ADDITIONAL
RECEPTACLES

FEMALE RECEPTACLE WITH EXTERNAL THREADS AND 1/2" - 14NPT MOUNTING THREADS

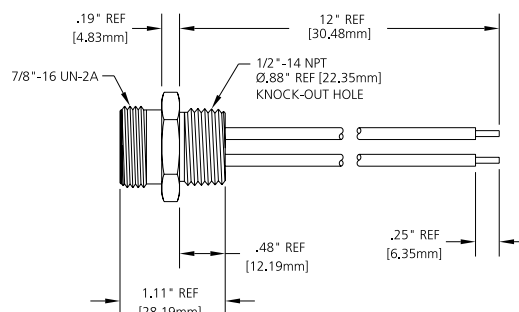


FIG 6