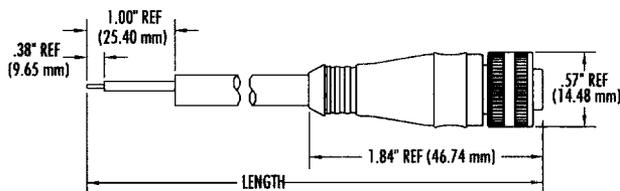


# Micro-Change Dual Keyway Plugs and Cable Assemblies

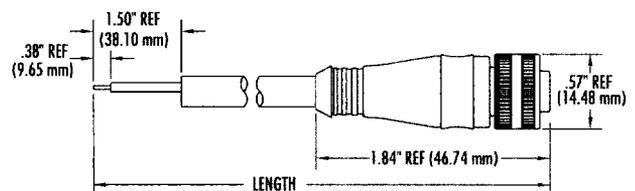
## Product Specifications

<p><b>MECHANICAL</b></p> <p>PLUG FACE MATERIAL: NYLON 6/6</p> <p>MOLDED BODY MATERIAL: PVC</p> <p>CONTACT MATERIAL: COPPER ALLOY</p> <p>CONTACT PLATING: GOLD - 5<math>\mu</math> IN. (MIN) PALLADIUM/NICKEL - 20<math>\mu</math> IN. (MIN)</p> <p>COUPLING NUT MATERIAL: ZINC DIECAST EPOXY-COAT (ALSO AVAILABLE IN STAINLESS STEEL OR NON-METALLIC)</p> <p>O-RING: NITRILE RUBBER</p> <p>CABLE TYPE(S): 22 AWG: PVC INSULATED, METALLIC BRAID, STRANDED COPPER CONDUCTORS, YELLOW PVC JACKETED, 300V, 105°C, UL RECOGNIZED, CSA CERTIFIED 18 AWG: PVC INSULATED, STRANDED COPPER CONDUCTORS, YELLOW PVC JACKETED, 300V AWM 2661, 105°C, UL RECOGNIZED, CSA CERTIFIED (SEE CABLE MATRIX ON PAGE 133 FOR OTHER AVAILABLE CABLE TYPES)</p> <p>CABLE STRANDING: 22 AWG: 26 X #36 18 AWG: 41 X #34</p> <p>CABLE DIAMETER: 22 AWG: 2/C - .23" 2/C - .29" 3/C - .23" 3/C - .29" 4/C - .25" 4/C - .29" 5/C - .26" 5/C - .29" 6/C - .29" 6/C - NOT AVAILABLE</p> <p>CABLE STRAIN RELIEF: 35 POUNDS MIN. - PER UL STD. 514</p>	<p><b>ELECTRICAL</b></p> <p>VOLTAGE RATING: 300VAC</p> <p>CURRENT RATING: 4A</p> <p>CONTACT RESISTANCE: <math>\leq 5m\Omega</math>, (AFTER 500 MATE/UNMATE CYCLES - PER MIL STD. 1344, 3004.1)</p> <p>ISOLATION RESISTANCE: <math>\geq 1000M\Omega</math></p> <p><b>ENVIRONMENTAL</b></p> <p>PROTECTION: IP 68, NEMA 6P - PER NEMA STD. 250</p> <p>AMBIENT OPERATING TEMP: -20° TO 105°C</p> <p>CORROSION RESISTANCE: 500 HOUR SALT SPRAY - PER MIL. STD. 202F</p> <p>VIBRATION RESISTANCE: 10 - 500 HZ @ 10g - PER MIL STD. 202F, 204D, CONDITION A</p> <p>HIGH PRESSURE WATER SPRAY: 1000 PSI</p> <p><b>CERTIFICATIONS</b></p> <p>UL: UL LISTED, FILE NO. E152210</p> <p>CSA: CSA CERTIFIED, FILE NO. LR6837</p> <p>VDE: SPACINGS TO VDE 0110 GROUP C (250VAC/300VDC)</p>
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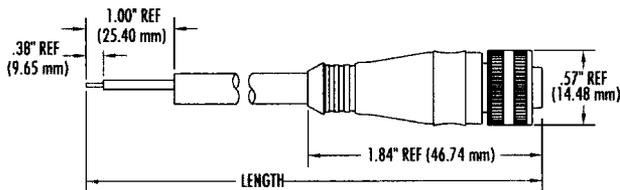
**Straight Male Plug / 2-4 Pole**



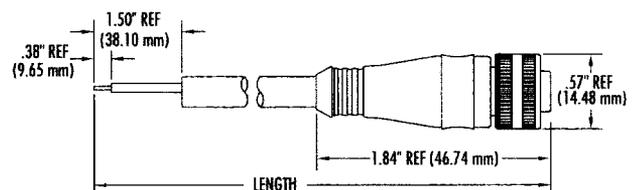
**Straight Male Plug / 5-6 Pole**



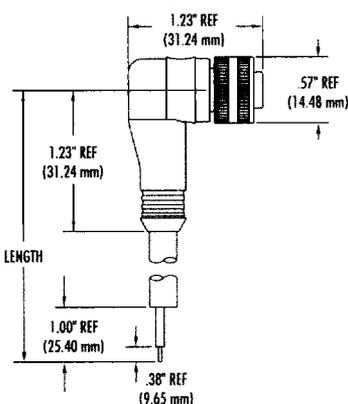
**Straight Female Plug / 2-4 Pole**



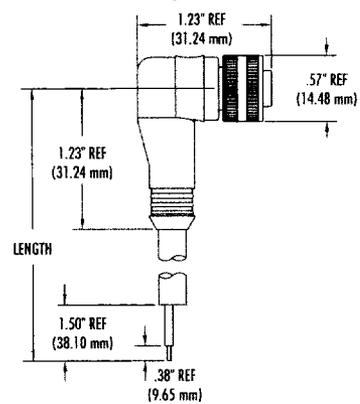
**Straight Female Plug / 5-6 Pole**



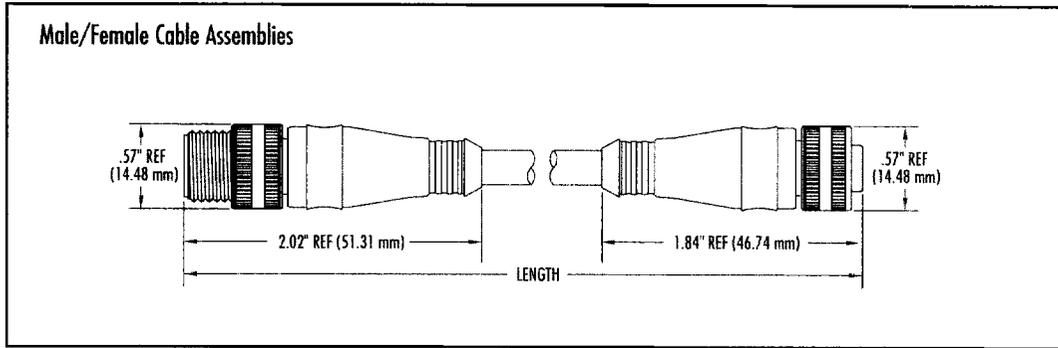
**90° Male & Female Plug / 2-4 Pole**



**90° Male & Female Plug / 5-6 Pole**



# Micro-Change<sup>®</sup> Dual Keyway Plugs and Cable Assemblies



## PLUGS AND CABLE ASSEMBLIES WITH 22 AWG CABLE

POLES	FACE VIEW MALE	WIRING CODE	CABLE LENGTH ft/m	22 AWG STRAIGHT*		22 AWG 90°*		MALE/FEMALE CABLE ASSEMBLY**
				MALE	FEMALE	MALE	FEMALE	
2		1-BROWN 2-BLUE	6 ft/1.83m	702002D02F060	702000D02F060	702003D02F060	702001D02F060	772030D02F060
			12 ft/3.66m	702002D02F120	702000D02F120	702003D02F120	702001D02F120	772030D02F120
			20 ft/6.10m	702002D02F200	702000D02F200	702003D02F200	702001D02F200	772030D02F200
3		1-GREEN (GND) 2-RED-BLK. TR. 3-RED WHT. TR.	6 ft/1.83m	703002D02F060	703000D02F060	703003D02F060	703001D02F060	773030D02F060
			12 ft/3.66m	703002D02F120	703000D02F120	703003D02F120	703001D02F120	773030D02F120
			20 ft/6.10m	703002D02F200	703000D02F200	703003D02F200	703001D02F200	773030D02F200
4		1-RED-BLK. TR. 2-RED-WHT. TR. 3-RED 4-GREEN (GND)	6 ft/1.83m	704002D02F060	704000D02F060	704003D02F060	704001D02F060	774030D02F060
			12 ft/3.66m	704002D02F120	704000D02F120	704003D02F120	704001D02F120	774030D02F120
			20 ft/6.10m	704002D02F200	704000D02F200	704003D02F200	704001D02F200	774030D02F200
5		1-RED-WHT. TR. 2-RED 3-GREEN (GND) 4-RED-YEL. TR. 5-RED-BLK. TR.	6 ft/1.83m	705002D02F060	705000D02F060	705003D02F060	705001D02F060	775030D02F060
			12 ft/3.66m	705002D02F120	705000D02F120	705003D02F120	705001D02F120	775030D02F120
			20 ft/6.10m	705002D02F200	705000D02F200	705003D02F200	705001D02F200	775030D02F200
6		1-RED-WHT. TR. 2-RED 3-GREEN (GND) 4-RED-YEL. TR. 5-RED-BLK. TR. 6-RED-BLU. TR.	6 ft/1.83m		706000D02F060		706001D02F060	776030D02F060
			12 ft/3.66m	CONSULT FACTORY	706000D02F120	CONSULT FACTORY	706001D02F120	776030D02F120
			20 ft/6.10m		706000D02F200		706001D02F200	776030D02F200

\* Plugs have internal thread coupling nut \*\* Male coupling has external thread

### PRODUCT OPTIONS

Optional cable and hardware types can be ordered using the catalog number matrix on p. 140.