



- NOTES:**
1. MATERIAL: AS NOTED
  2. FINISH: AS NOTED
  3. ELECTRICAL:  
VOLTAGE: 250V  
CURRENT: 4A
  4. TEMP RATING: -25°C TO +105°C
  5. PROTECTION: IP67 (WHEN MATED)
  6. COUPLING THREAD: 1/2-20
  7. UL LISTED FILE: E152210  
CSA CERTIFIED FILE: LR6837
  8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

**PART NUMBER LEGEND**

773030A03F030

POLE COUNT →

FINISHED LENGTH:  
F010= 1.0 FEET  
F100= 10.0 FEET  
M005= 0.5 METER  
M010= 1.0 METER  
M100= 10. METER

PART NO.	POLES	ENGINEERING NO.	FINISHED LENGTH	CABLE DIA.
1200730085	3	773030A03F030	3.0 FT [0.9M]	.28 [7.1]
1200730207	4	774030A03F060	6.0 FT [1.8M]	.24 [6.1]
1200730210	4	774030A03F120	12.0 FT [3.7M]	.24 [6.1]
1200730280	5	775030A03F150	15.0 FT [4.6M]	.28 [7.1]
1200730283	5	775030A03F240	24.0 FT [7.3M]	.28 [7.1]
1200730291	5	775030A03F700	70.0 FT [21.3M]	.28 [7.1]
1200730623	5	775030A03M500	50M [164.0 FT]	.28 [7.1]

**CABLE LENGTH TOLERANCES**

> .3M [1FT]:	+19mm-0 [+ .75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]
OVER 30M [100FT]:	+2% OF FINISHED LENGTH

ITEM	DESCRIPTION	MATERIAL	FINISH
10	FLAG LABEL	VINYL	BLACK/YELLOW
9	OVERMOLDS	TPC	YELLOW
8	COUPLING, MALE	ZINC DIE-CAST	BLACK
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	NYLON	BLACK
5	O-RING	NITRILE	RED
4	COUPLING, FEMALE	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	NYLON	BLACK
1	CABLE, 18AWG	PVC JACKET	YELLOW

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

**molex**

MICRO-CHANGE FEMALE TO MALE STRAIGHT  
2-6 P. DUAL KEY 18AWG YELLOW PVC CABLE

PRODUCT CUSTOMER DRAWING

SD-120073-005 PSD 001 B

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