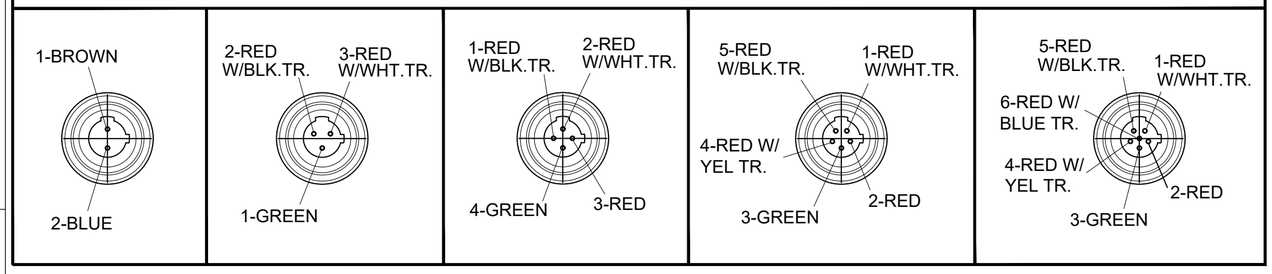
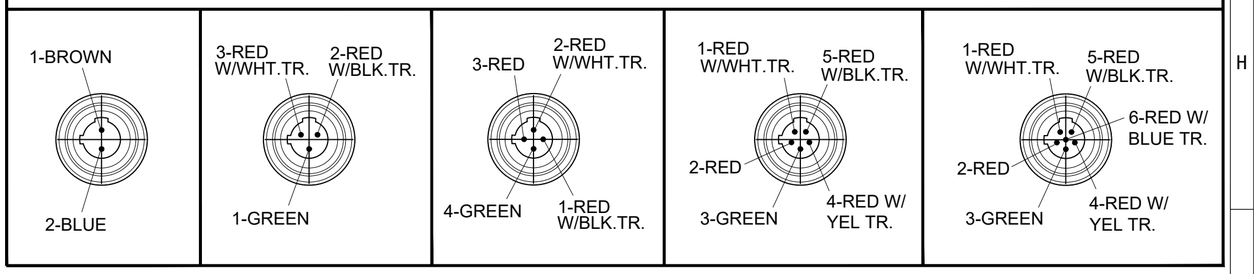
FRONT VIEW - FEMALE INSERT WIRING COLOR CODE

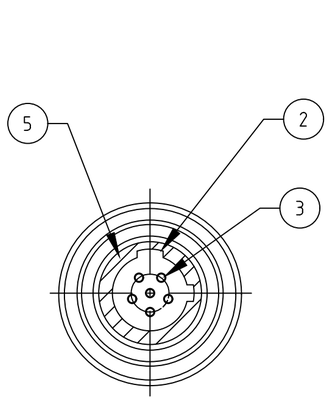


2 POLE | 3 POLE | 4 POLE | 5 POLE | 6 POLE

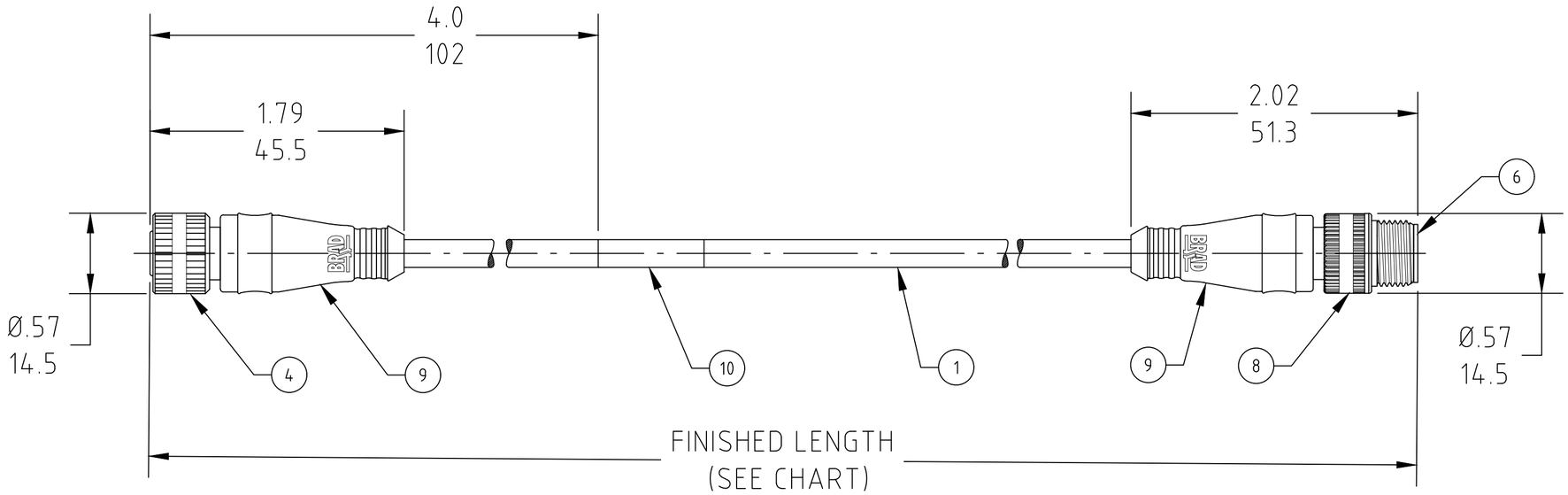
FRONT VIEW - MALE INSERT WIRING COLOR CODE

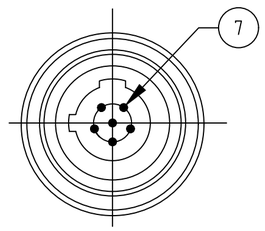


2 POLE | 3 POLE | 4 POLE | 5 POLE | 6 POLE



FEMALE FACE VIEW
2X SCALE





MALE FACE VIEW
2X SCALE

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

- 773030A03F030 — POLE COUNT
- 773030A03F030 — 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]
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

DIMENSION UNITS: INCH/MM | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±0.01
1 PLACE	±0.3	±----
0 PLACES	±----	±----
ANGULAR TOL ±	---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516685

EC NO: 830097
DRWN: SANATK1 2025/07/28
CHK'D: GGA 2025/08/06
APPR: GGA 2025/08/06

INITIAL REVISION:
DRWN: LSTEMMLE 2010/02/10
APPR: FPACHER 2010/02/10

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 120073

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120073-005	PSD	001	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS: P1 | RELEASE DATE: 2025/08/06 10:03:34

FORMAT: IN-ACAD-tb-prod-C
REVISION: A
DATE: 2019/05/12