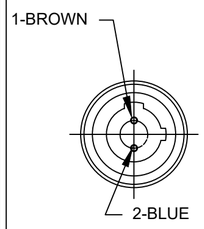
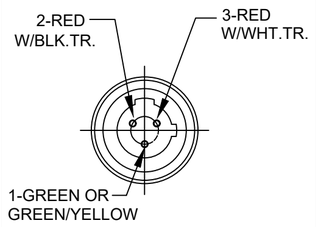
FRONT VIEW - FEMALE INSERT WIRING COLOR CODE

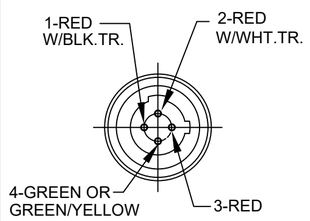
2 POLE



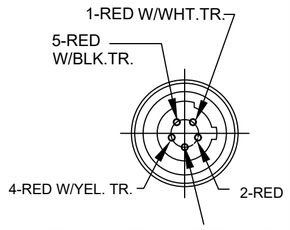
3 POLE



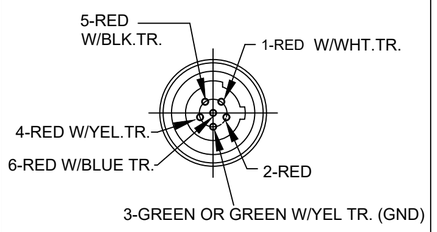
4 POLE



5 POLE



6 POLE



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

PART NUMBER LEGEND

703000D02F1201

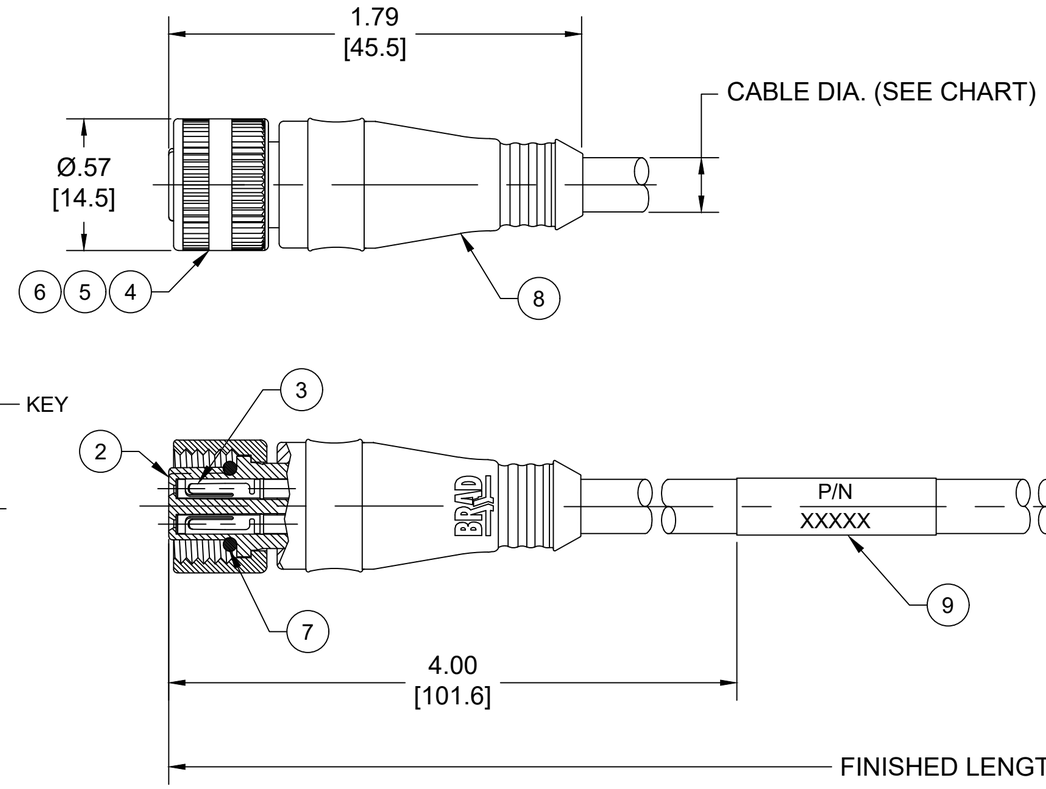
(B1)
POLE COUNT:
(2-6 POLES)

CABLE TYPE
22AWG SHLD, PVC

COUPLING NUT OPTIONS
BLANK= DIE CAST ZINC
1= 303 STAINLESS STEEL
2= NON METALLIC
8= 316 ST. STEEL

FINISHED LENGTH:
F010= 1 FOOT
F100= 10 FEET

M005= 0.5 METER
M010= 1 METER
M100= 10 METER



NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 250V AC/DC
   CURRENT: 4A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 1/2-20 UNF
7. UL LISTED FILE: E152210 (B1)
   CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH	
9	WRAP LABEL	VINYL	YELLOW	(B1)
8	OVERMOLD	TPC	YELLOW	
7	O-RING	NITRILE	RED	
6	COUPLING NUT, FEMALE THD (-2 OPT)	DELRIN	WHITE	
5	COUPLING NUT, FEMALE THD (-1 & -8 OPT)	ST. STEEL	PASSIVATED	
4	COUPLING NUT, FEMALE THD (STD OPT)	ZINC DIE CAST	BLACK	
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED	
2	FEMALE INSERT	NYLON	BLACK	
1	CABLE, 22 AWG, SHIELDED	PVC JACKET	YELLOW	

(B1)

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA
1200720056	702000D02F010	1 FT	2	0.20 [5.1]
1200720179	703000D02F1201	12 FT	3	0.23 [5.8]
1200720368	704000D02F2502	25 FT	4	0.22 [5.6]
1200720488	705000D02M380	38M	5	0.24 [6.1]
1200720571	706000D02F0608	6 FT	6	0.25 [6.4]

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

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED POLE COUNT, UL, CSA & CABLE DIA IN PN TABLE. ITEM-9 FINISH WAS BLACK/YELLOW

EC NO: 795982
DRWN: ABENJAMINLW 2024/08/20
CHK'D: PDODDAMANEMY 2024/08/21
APPR: BWOODMAN 2024/08/21

INITIAL REVISION:
DRWN: RSTONE 2017/07/14
APPR: BWOODMAN 2017/07/21

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 120072

molex

MIC CORD ASSY 2-6 POLE
FEMALE, DUAL KEY 22 AWG SHIELDED PVC

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120072-022	PSD	001	B1

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

DOCUMENT STATUS	P1	RELEASE DATE	2024/08/21 17:05:16

FORMAT: IN-ACAD-tb-prod-C
REVISION: B
DATE: 2020/01/14