

SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390187	DND39A-M005	0.5M [1FT 8 IN]
1300390621	DND39A-M150	15M [49FT 3 IN]
1300390623	DND39A-M300	30M [98FT 5 IN]

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

NOTES:

- MATERIAL: SEE TABLE
- FINISH: SEE TABLE
- ELECTRICAL:
VOLTAGE: 60V
CURRENT: 4A
- TEMP RATING: -20°C TO +80°C
- PROTECTION: IP67 (WHEN MATED)
- UL LISTED FILE: E152210
- CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

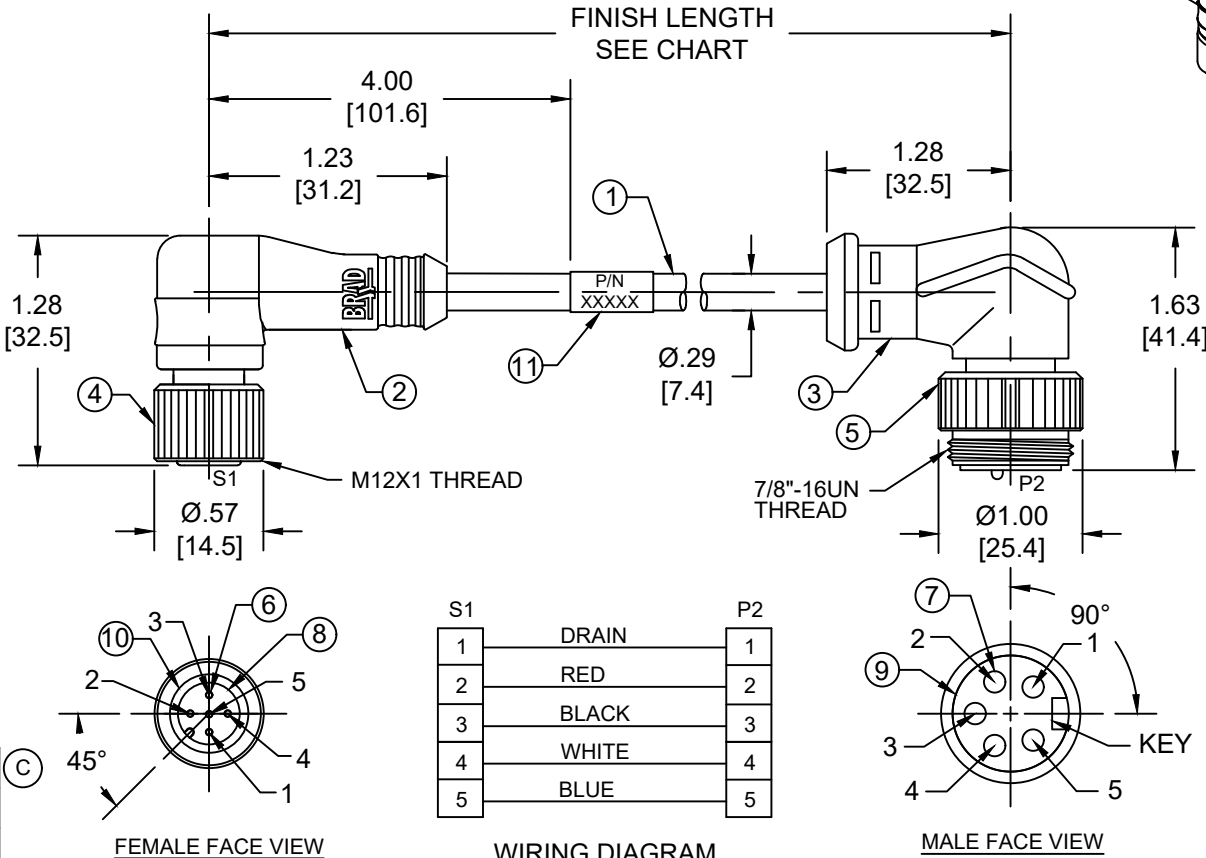
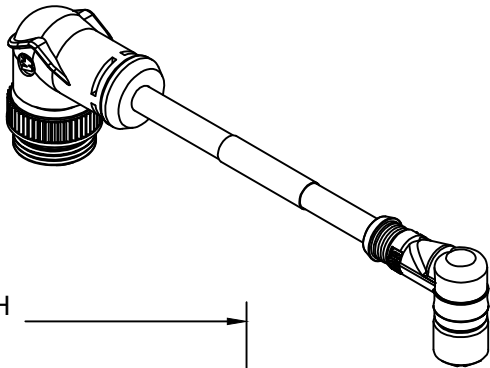
11	WRAP LABEL	VINYL	YELLOW
10	O-RING	NITRILE	RED
9	INSERT(MINI)	TPE	BLACK
8	INSERT(MICRO)	NYLON	BLACK
7	PIN CONTACT	COPPER ALLOY	GOLD PLATED
6	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
5	COUPLING NUT(MINI)	ZINC DIE-CAST	BLACK E-COAT
4	COUPLING NUT(MICRO)	ZINC DIE-CAST	BLACK E-COAT
3	OVERMOLD(MINI)	TPC	GRAY
2	OVERMOLD(MICRO)	TPC	GRAY
1	DEVICENET DROP CABLE	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

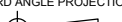
DOCUMENT STATUS	P1	RELEASE DATE	2024/09/19	14:14:35
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PART NUMBER LEGEND

DND39A-M002

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



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
	DIMENSION UNITS		SCALE		CURRENT REV DESC: VOLTAGE CHANGED FROM 250V TO 60V LABEL FINISH CHANGED FROM BLACK/YELLOW TO YELLOW. ITEM 6, 7 FINISH CHANGED TO GOLD PLATED						molex MINI-MICRO CHANGE DEVICENET, A-SIZE-M12, 5 POLE, MALE 90DEG -FEMALE 90DEG, SINGLE KEY, #22/4 AWG											
	INCH/MM		NTS																			
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 796537						PRODUCT CUSTOMER DRAWING											
	mm		INCH																			
	4 PLACES ± ---- ± ----				DRWN: ABENJAMINLW 2024/08/05						CHK'D: LESPINOZA 2024/08/27											
	3 PLACES ± ---- ± ----																					
	2 PLACES ± ---- ± ----				APPR: BWOODMAN 2024/09/19						INITIAL REVISION:											
	1 PLACE ± ---- ± ----																					
	0 PLACES ± ---- ± ----				DRWN: TWOLDEGE 2010/01/11						APPR: JFMURPHY 2010/01/20											
ANGULAR TOL ± ---- °																						
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER				CUSTOMER				SHEET NUMBER			
							A-SIZE		130039		SEE CHART				GENERAL MARKET				1 OF 1			

molex

MINI-MICRO CHANGE DEVICENET, A-SIZE-M12,
5 POLE, MALE 90DEG -FEMALE 90DEG,
SINGLE KEY, #22/4 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130039-023	PSD	001	C

SEE CHART	GENERAL MARKET	1 OF 1
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