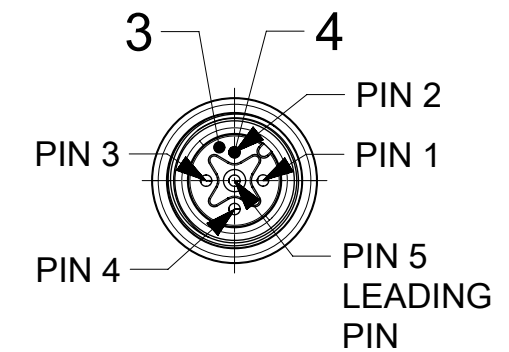
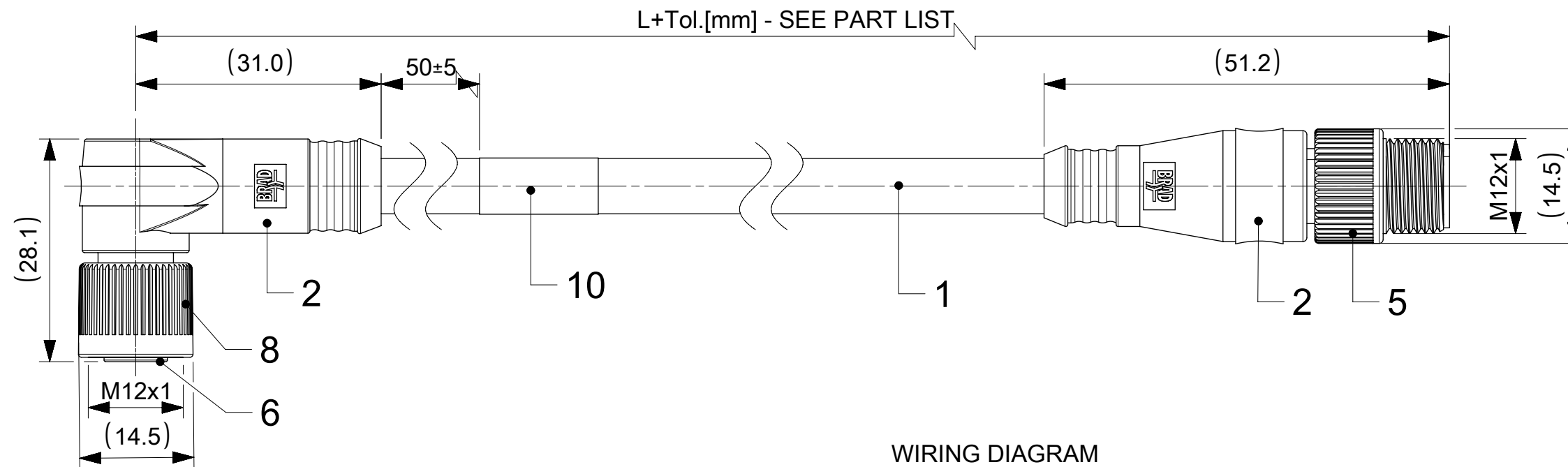
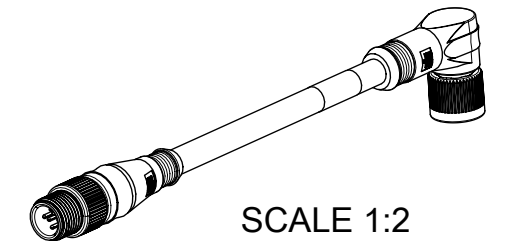


1. ELECTRICAL:
VOLTAGE: 250V AC/DC
CURRENT: 4A

4. TEMP RATING: -20° TO +80°C

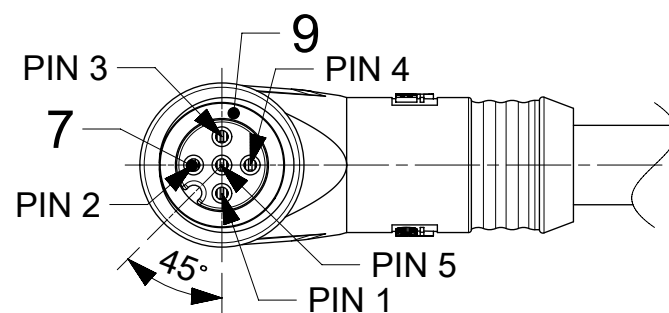
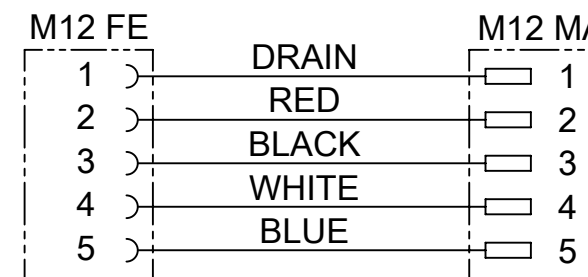
5. PROTECTION: IP67 (WHET MATED)

6. AGENCY:
UL LISTED, FILE: E152210
CSA CERTIFICATION FILE: LR6837



VIEW FROM THE FRONT SIDE

WIRING DIAGRAM



VIEW FROM THE FRONT SIDE

PART LIST

MOLEX PN	ENGINEERING NO	L+Tol.[mm]
1300280003	DND32A-M006	600 +45
1300280080	DND32A-M002	200 +19
1300280081	DND32A-M003	300 +19
1300280082	DND32A-M004	400 +45
1300280083	DND32A-M005	500 +45
1300280084	DND32A-M007	700 +45
1300280085	DND32A-M010	1000 +56
1300280086	DND32A-M015	1500 +56
1300280089	DND32A-M030	3000 +89
1300280091	DND32A-M050	5000 +165

10	1	LABEL WRAP	VINYL	YELLOW
9	1	GASKET	FPM	RED
8	1	COUPLING NUT FEMALE M12	ELECTROPHORETIC	BLACK
7	5	CONTACT FEMALE	BRASS	Au OVER Ni PLATED
6	1	INSERT M12 5P FEMALE	ZYTEL	BLACK
5	1	COUPLING NUT MALE M12	ELECTROPHORETIC	BLACK
4	5	CONTACT MALE	BRASS	Au OVER Ni PLATED
3	1	INSERT M12 5P MA AC	ZYTEL	BLACK
2	-	MOULDING MATERIAL	PVC	GRAY
1	-	DROP CABLE 4x0.34mm²	PVC	GRAY
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: PIN SEQUENCE ON MALE SIDE CORRECTED											
	= 0	mm		1.5:1													
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 667095							
	= 0	ANGULAR TOL ± 1.0 °															
	= 0	4 PLACES		±		DRWN: RSCHIEBER 2021/06/15				MIC 5P M/FE XM 90/ST DROP							
	= 0	3 PLACES		±		CHK'D: RSILLER 2021/06/22											
	= 0	2 PLACES		± 0.05		APPR: RSILLER 2021/06/22				PRODUCT CUSTOMER DRAWING							
	= 0	1 PLACE		± 0.3		INITIAL REVISION: DRWN: MKOWALCZYK01 2018/10/09 APPR: MIWASIECZKO 2018/10/12											
	= 0	0 PLACES		± 0.5						DOCUMENT NUMBER 1300280080				DOC TYPE PSD		DOC PART 000	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE									

6

5

4

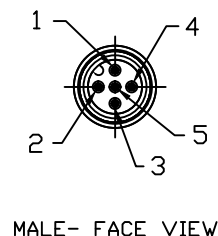
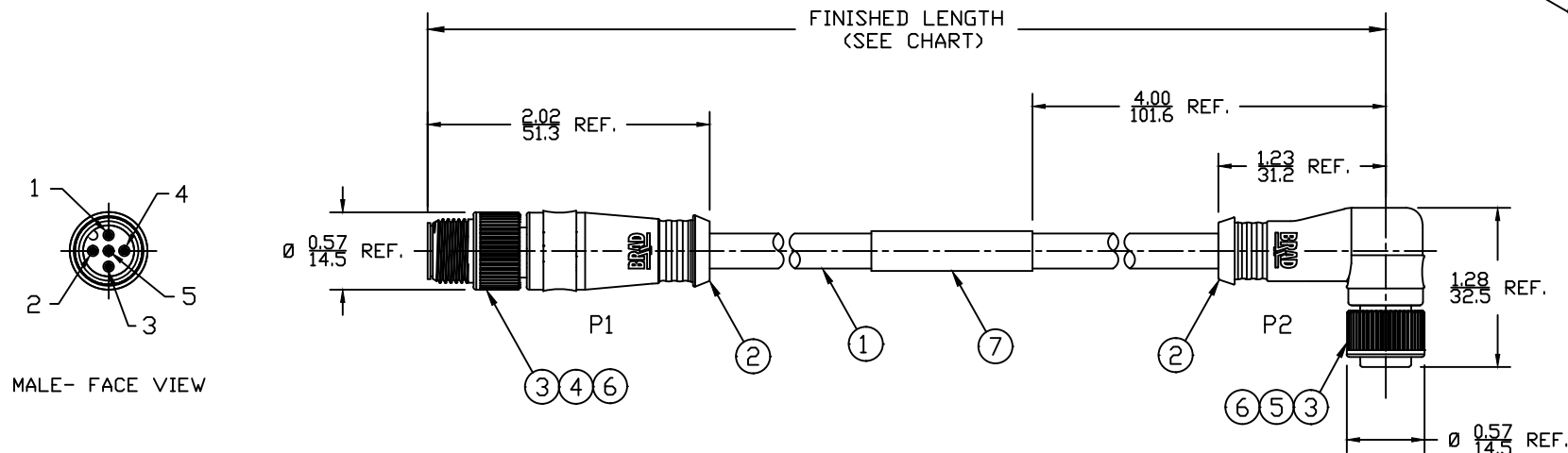
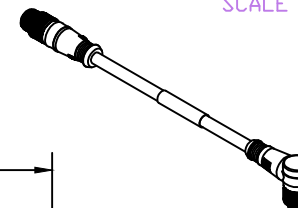
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2

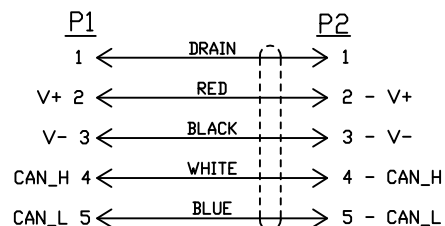
1

PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1300280083	DND32A-M005	1' 8" +1.75"/-0" [0.5M +44.5/-0 mm]
1300280084	DND32A-M007	2' 4" +1.75"/-0" [0.7M +44.5/-0 mm]
1300280085	DND32A-M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1300280089	DND32A-M030	9' 10" +3.50"/-0" [3M +88.9/-0 mm]
1300280091	DND32A-M050	16' 5" +6.50"/-0" [5M +165.1/-0 mm]

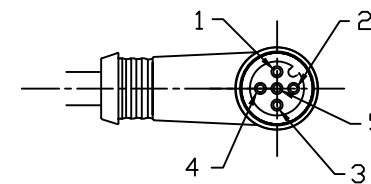
(B1)

AUX VIEW
SCALE 1:4

MALE- FACE VIEW



DND32A-M005

cable type
DEV-NET DROP
GRAY PVCcable length
005----.5 Meters
010----1 Meter
100----10 Meter

FEMALE- FACE VIEW

NOTES:

- MATERIAL: SEE TABLE
- FINISHES: SEE TABLE
- ELECTRICAL DATA:
MAX. VOLTAGE: 250V AC/DC
MAX. CURRENT 4A
- ENVIRONMENTAL:
PROTECTION IP67 (WHEN MATED)
TEMPERATURE RANGE: -20°C TO 80°C
- WRAP LABEL IS MARKED WITH P/N, DATE CODE,
VOLTAGE & AMPERAGE.
- DIMS SHOWN ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

TABLE

ITEM	DESCRIPTION	MATERIAL	FINISH
7	LABEL	VINYL	BLACK/YELLOW
6	INSERT	NYLON	BLACK
5	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	M12 COUPLING NUT	ZINC DIE-CAST	BLACK
2	OVERMOLD	PVC	GRAY
1	DEVICENET DROP CABLE, 2P, SHLD	PVC JACKET	GRAY

CORRECTED PINS FOR 5 & 7M
EC NO: IPC2017-0356
DRWN: RSTONE 10/3/16
CHKD: M ZIELIN 2016/10/04
APPR: TWOLDEGE

QUALITY
SYMBOLS

▽=0
▽C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
IN/MM

DRAWN BY	DATE
VOU	2009/07/30
CHECKED BY	DATE
BWOODMAN	2009/07/31
APPROVED BY	DATE
---	---

MATERIAL NO.
SEE CHARTSIZE
ATHIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSIONSCALE
---DESIGN UNITS
INCHTHIRD ANGLE
PROJECTION

TITLE
M12 DEVICENET CABLE ASSY
5P MALE/FEM ST/90
#22/4 SHLD PVC -THIN STD

MOLEX INCORPORATED

DOCUMENT NO. SD-130028-002

SHEET NO.
1 OF 1

6

5

4

3

2

1

Mouser Electronics

Authorized Distributor

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