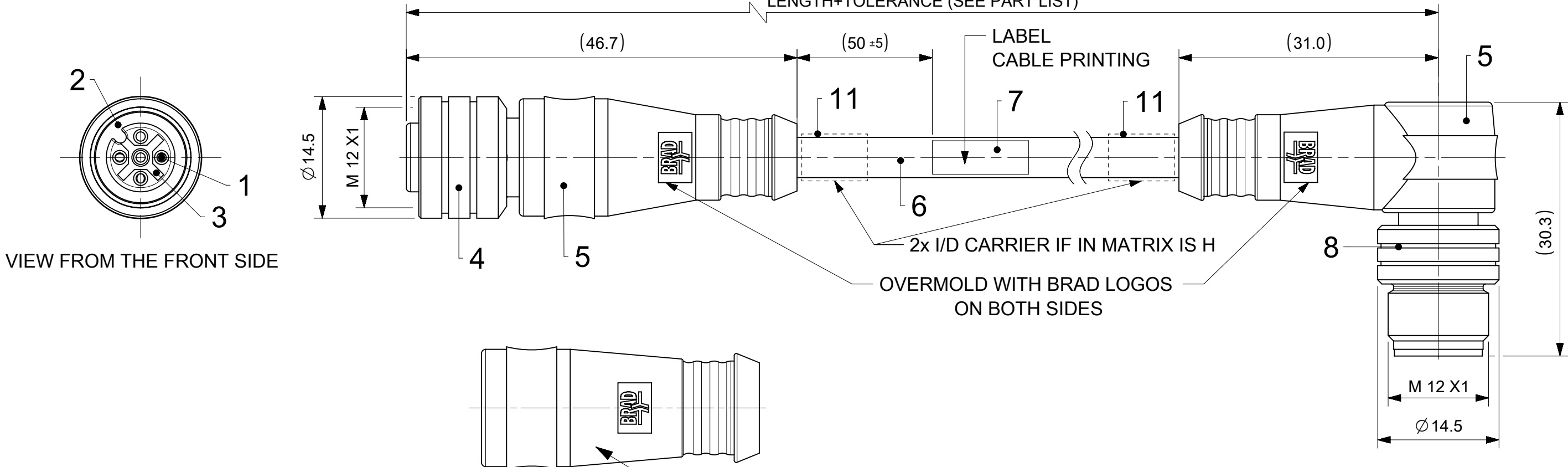


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 90° ANGLED

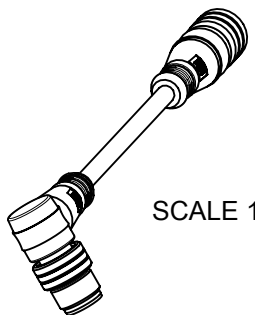


TECHNICAL SPECIFICATION:
CONTACT CURRENT RATING: 3-5 POLES 4A
8 POLES 2A
VOLTAGE RATING: 3-4 POLES 250V
5 POLES 60V DC
8 POLES 30V
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +85°C

BILL OF MATERIAL

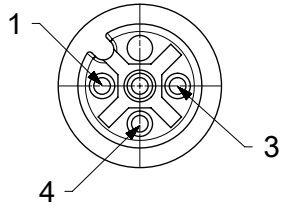
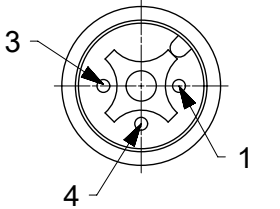
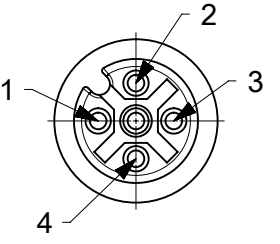
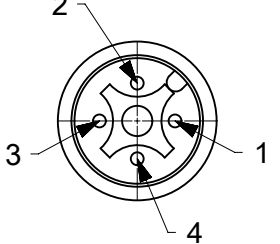
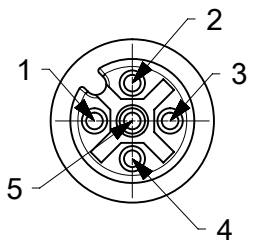
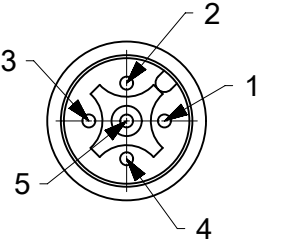
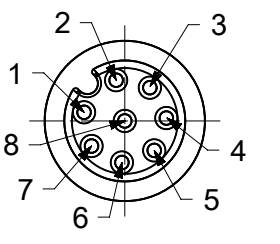
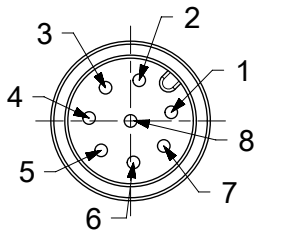
11	2 (SEE MATRIX)	ID CARRIER	PVC	TRANSPARENT
10	1	INSERT MALE	PUR	BLACK
9	3/4/5/8	CONTACT M12 MALE	BRASS	SELECTIVE GOLD OVER NICKEL
8	1	COUPLING NUT MALE	BRASS	NICKEL
7	1	LABEL	VINYL	YELLOW
6	-	CABLE	SEE MATRIX/ CABLE SPECIFICATION	---
5	-	OVERMOULD	TPU	SEE MATRIX
4	1	COUPLING NUT FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE	PUR	BLACK
2	1	O-RING	FPM	RED
1	3/4/5/8	CONTACT M12 FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/23	16:25:48
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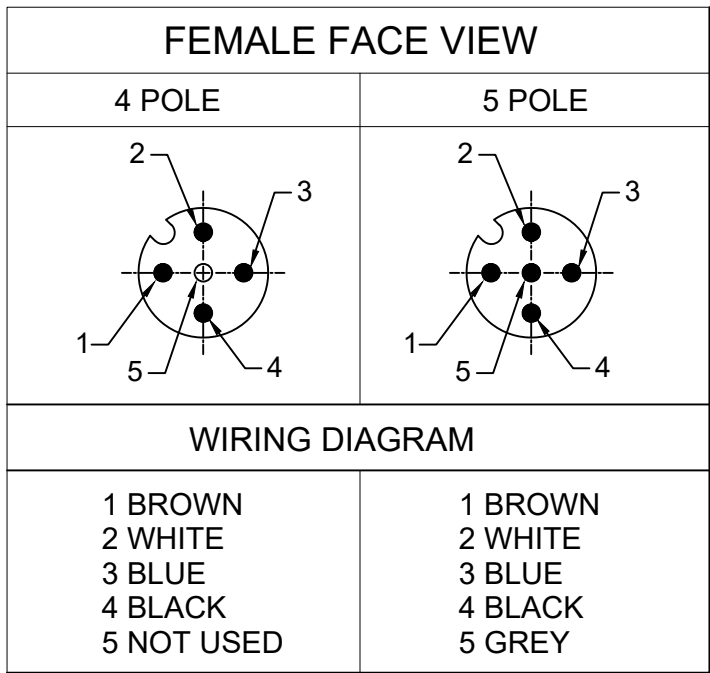


FUNCTIONAL SYMBOLS FA = 0 FE = 0 FV = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
	DIMENSION UNITS mm	SCALE 2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)								
	ANGULAR TOL ± 1.0°								
4 PLACES ±		CURRENT REV DESC: 8 POLE VERSION AND NEW P/N'S ADDED EC NO: 686239 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: DSOPPIN APPR: RSILLER	molex						
3 PLACES ±									
2 PLACES ± 0.05			CSE M12 XP AC FE STR MA RA XM						
1 PLACE ± 0.3			PRODUCT CUSTOMER DRAWING						
0 PLACES ± 0.5		DOCUMENT NUMBER 1200070026							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 120007	MATERIAL NUMBER SEE PART LIST	CUSTOMER GENERAL MARKET	DOC TYPE PSD	DOC PART 000	REVISION A4

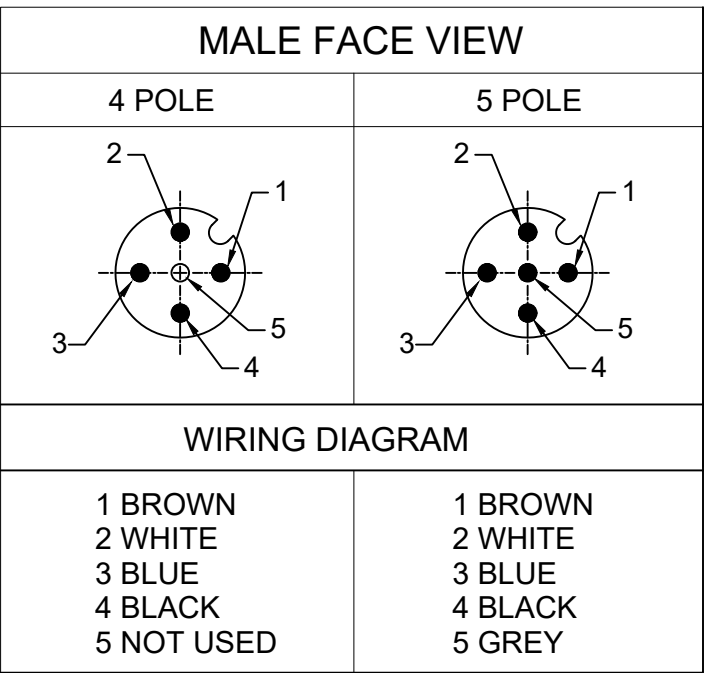
CONTACT POSITION FRONT VIEW:

3 POLES FEMALE		3 POLES MALE		4 POLES FEMALE		4 POLES MALE		5 POLES FEMALE		5 POLES MALE		8 POLES FEMALE		8 POLES MALE	
															
PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	WHITE	1	WHITE
2	-	2	-	2	WHITE	2	WHITE	2	WHITE	2	WHITE	2	BROWN	2	BROWN
3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	GREEN	3	GREEN
4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	YELLOW	4	YELLOW
5	-	5	-	5	-	5	-	5	GREY OR GREEN/YELLOW	5	GREY OR GREEN/YELLOW	5	GREY	5	GREY
CODING REQUIRED TO IEC 61076-2-101				CODING REQUIRED TO IEC 61076-2-101				CODING REQUIRED TO IEC 61076-2-101				6	PINK	6	PINK
												7	BLUE	7	BLUE
												8	RED	8	RED
												CODING REQUIRED TO IEC 61076-2-101			

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: 8 POLE VERSION AND NEW P/N'S ADDED			molex			
	mm		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 686239 DRWN: RSCHIEBER 2021/11/15 CHK'D: RSILLER 2021/11/23 APPR: RSILLER 2021/11/23					CSE M12 XP AC FE STR MARA XM			
ANGULAR TOL ± 1.0 °											
4 PLACES ±		PRODUCT CUSTOMER DRAWING									
DIVISIONAL SYMBOLS	3 PLACES ±		INITIAL REVISION: DRWN: DSOPPIN 2018/09/27 APPR: RSILLER 2018/10/22			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	2 PLACES ± 0.05					1200070026		PSD	000	A4	
	1 PLACE ± 0.3		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
	0 PLACES ± 0.5		SEE PART LIST		GENERAL MARKET		3 OF 4				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES				
					A3-SIZE		120007				



PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200661010	884032K03M004	0.4M [1FT 4 IN]	4	.26/6.6
1200661024	884032K03M150	15M [49FT 3 IN]		
1200661053	885032K03M005	0.5M [1FT 8 IN]	5	.28/7.1
1200661059	885032K03M050	5M [16FT 5 IN]		



- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
 - TEMP RATING: -20°TO +105°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: M12X1
 - UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837 (A)
 - ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

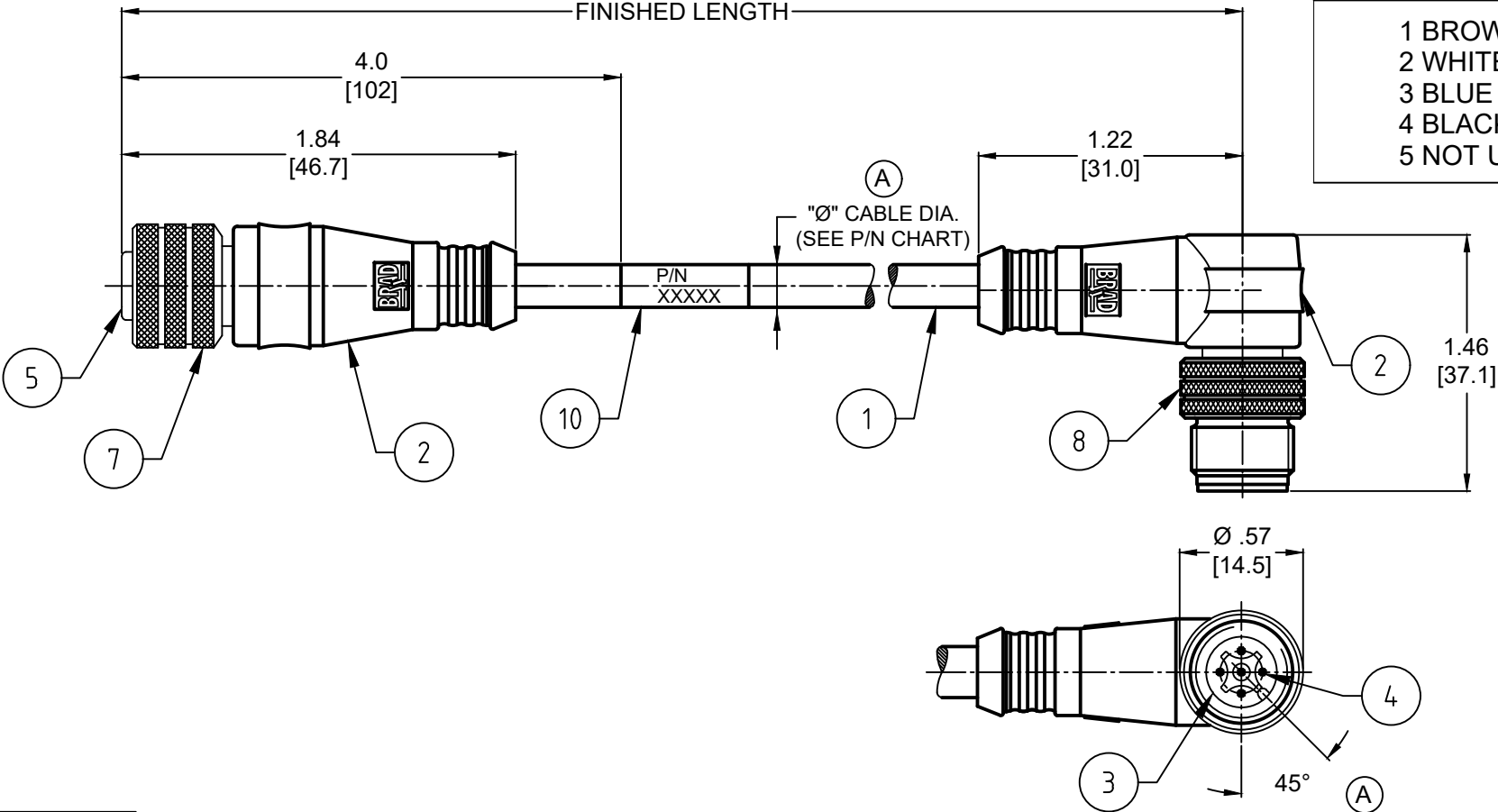
CABLE FLEX CHARACTERISTICS (A)

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

10	LABEL	VINYL	BLACK/YELLOW
9	O-RING	VITON	RED
8	MALE COUPLING NUT	BRASS	NICKEL PLATED
7	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
6	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
5	INSERT (FEMALE)	PUR	BLACK
4	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT (MALE)	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	CABLE #18/4-5 AWG	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS P1 RELEASE DATE 2021/07/28 23:37:23

FORMAT: ACAD-Id-prod-A3
REVISION: 9
DATE: 2020/11/14



PART NO. MATRIX (A)

884032K03M004

POLES (4 & 5)

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

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

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: ITEM #2 WAS TPE & #10 WAS MYLAR. REMOVED 3 POLE DETAILS. ADDED UL, CSA, TOL CHART & CABLE DIA. MODIFIED PN CHART			molex			
	INCH/MM		NTS								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				MICRO-CHANGE CORDSET, M12 4-5 POLE, FEMALE STRAIGHT - MALE 90DEG, SINGLE KEY, #18 AWG TPE HI-FLEX						
		mm	INCH	EC NO: 671333							
	FA =0	4 PLACES	±----	±----	DRWN: ABENJAMINLW		2021/05/04				
	FC =0	3 PLACES	±----	±----	CHK'D: RSTONE		2021/07/23				
	DIVISIONAL SYMBOLS	FE =0	2 PLACES	±----	±----	APPR: BWOODMAN		2021/07/28			
		1 PLACE	±----	±----	INITIAL REVISION:						
		0 PLACES	±----	±----	DRWN: LSTEMMLE		2010/02/01				
ANGULAR TOL ± ---- °		APPR: FPACHER		2010/02/03							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES			
						A3-SIZE		120066		MATERIAL NUMBER	
								SEE CHART		CUSTOMER	
								GENERAL MARKET		SHEET NUMBER	
										1 OF 1	