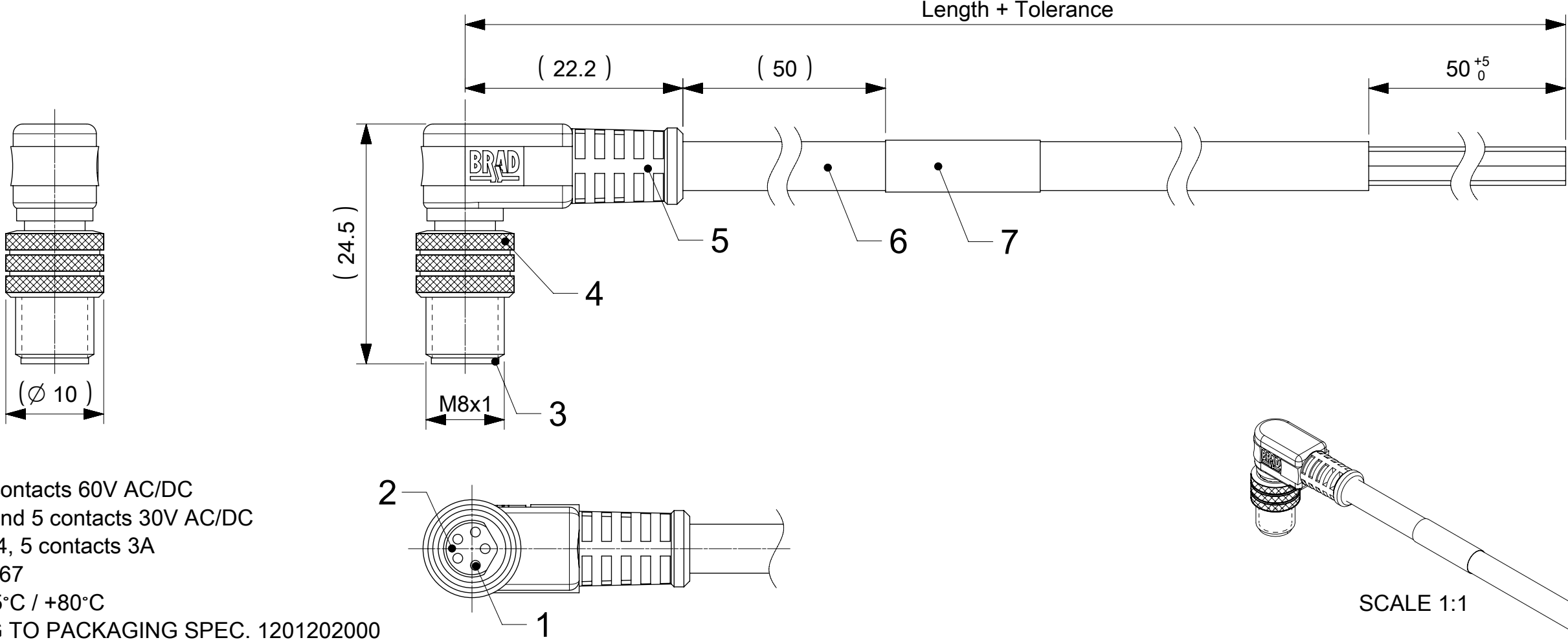


MALE PLUG M8 90° ANGLED



NOTES:
RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC
CURRENT RATING: 3, 4, 5 contacts 3A
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +80°C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACT POSITION FRONT VIEW:

3 POLES		4 POLES		5 POLES	
PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN
3	BLUE	2	WHITE	2	WHITE
4	BLACK	3	BLUE	3	BLUE
		4	BLACK	4	BLACK
				5	GREY
CODING ACCORDING TO IEC 61076-2-104					

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL OR PRINTING	VINYL / ---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT M8 MALE	BRASS	NICKEL
3	1	SLEEVE	BRASS	NICKEL
2	1	INSERT MALE BLACK	TPU	---
1	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: PACKAGING SPEC ADDED	DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	molex				
		ANGULAR TOL ± 1.0 °					
		4 PLACES ±	CSE M8 XP AC BC RA PVC XM SE				
		3 PLACES ±	PRODUCT CUSTOMER DRAWING				
		2 PLACES ± 0.05	DOCUMENT NUMBER				
		1 PLACE ± 0.3	EC NO: 770174		2023/10/25		
		0 PLACES ± 0.5	DRWN: JMARZALEK		2016/09/05		
			APPR: RSILLER		2016/09/09		
			INITIAL REVISION:		2023/11/30		
			DRWN: RSILLER		2023/11/30		
			THIRD ANGLE PROJECTION		DRAWING		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3-SIZE		
			SERIES		120086		
			MATERIAL NUMBER		SEE PART LIST		
			CUSTOMER		GENERAL MARKET		
			SHEET NUMBER		1 OF 3		

F

E



D

C

B

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FORMAT: master-ib-prod-A3 REVISION: J1 DATE: 2021/05/01	9	8	7	6	5	4	3	2	1
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PART LIST

No.	Part No.	Engineering No.	Cable Length
1	1200270106	403007E02M020	2m
2	1200270483	404007E02M020	2m
3	1200270811	405007P02M005	0.5m
4	1200271131	404007P02M050	5m
5	1200868061	405007P02M020	2m
6	1200868083	405007E02M020	2m
7	1200868176	405007E02M050	5m
8	1200868177	405007E02M100	10m
9	1200868323	403007E02M010	1m
10	1200868324	403007E02M050	5m
11	1200868325	403007E02M100	10m
12	1200868326	403007I02M003	0.3m
13	1200868327	403007I02M010	1m
14	1200868328	403007I02M020	2m
15	1200868329	403007P02M020	2m
16	1200868330	403007P02M050	5m
17	1200868331	403007P02M100	10m
18	1200868332	403007P02M150	15m
19	1200868333	403007P02M200	20m
20	1200868378	404007E02M050	5m
21	1200868379	404007E02M100	10m
22	1200868380	404007I02M020	2m
23	1200868381	404007P02M010G	1m
24	1200868382	404007P02M020	2m
25	1200868393	403007H08M020	2m
26	1200868394	404007H08M020	2m
27	1200868398	405007H08M020	2m
28	1200868489	404007E02M010	1m
29	1200868490	403007H08M010	1m
30	1200868491	403007H08M050	5m
31	1200868492	403007H08M100	10m
32	1200868493	404007H08M010	1m
33	1200868494	404007H08M050	5m
34	1200868495	404007H08M100	10m
35	1200868528	403007P02M010	1m

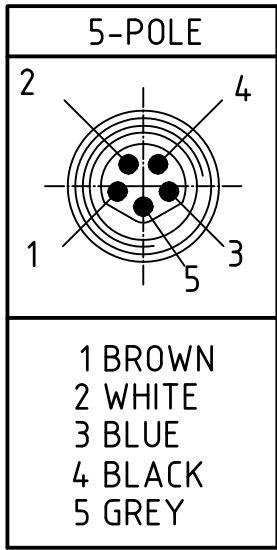
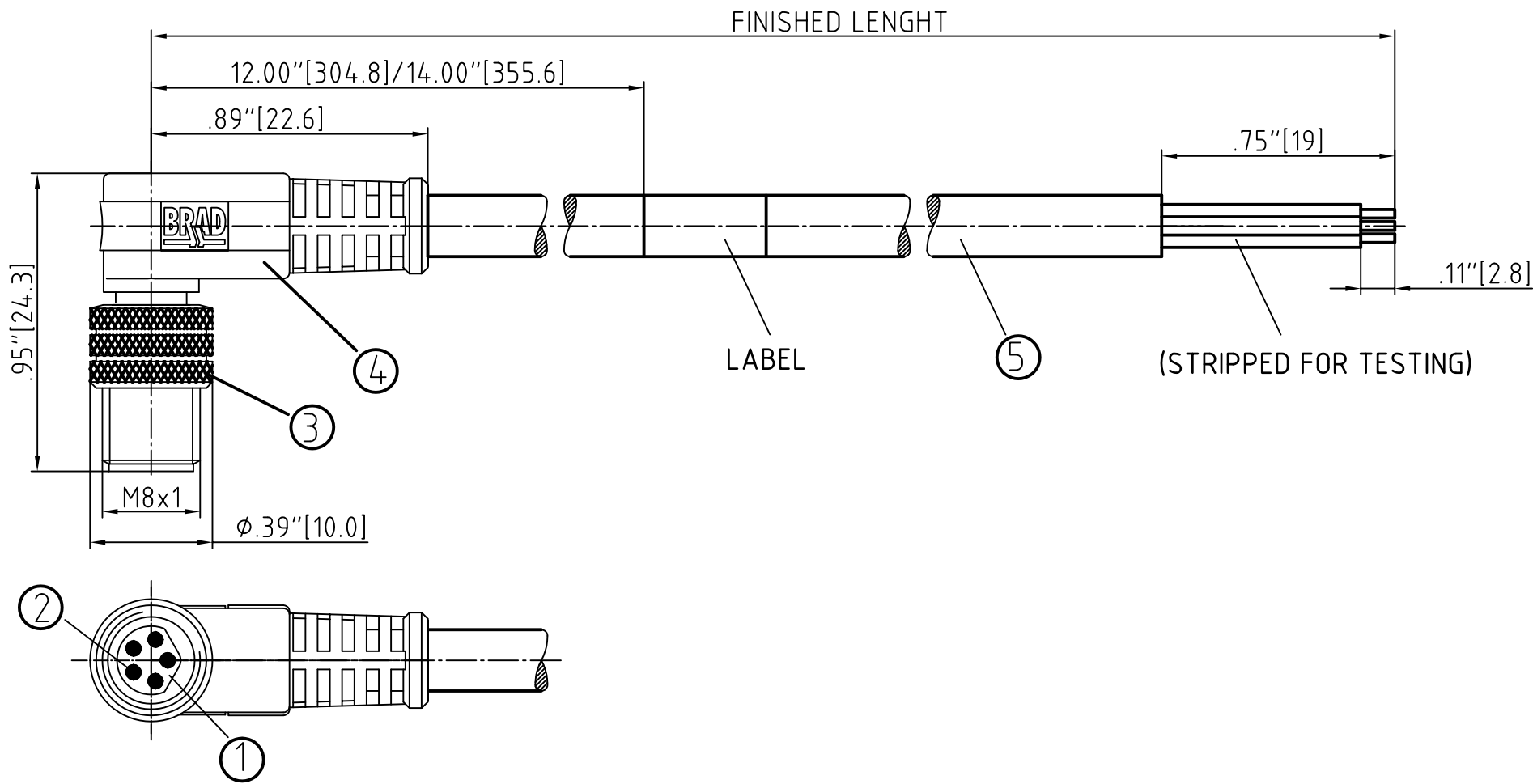
No.	Part No.	Engineering No.	Cable Length
36	1200868542	404007P02M010	1m
37	1200868543	404007P02M100	10m
38	1200868808	403007E02M200	20m
39	1200868850	405007H08M010	1m
40	1200868851	405007H08M050	5m
41	1200868852	405007H08M100	10m
42	1200868858	405007E02M010	1m
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No.	Part No.	Engineering No.	Cable Length
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No.	Part No.	Engineering No.	Cable Length
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DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:54
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: PACKAGING SPEC ADDED			molex				
		mm		1:1									
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 770174 DRWN: RSCHIEBER2023/10/25 CHK'D: RSILLER2023/11/30 APPR: RSILLER2023/11/30 INITIAL REVISION: DRWN: JMARSZALEK2016/09/05 APPR: RSILLER2016/09/09			CSE M8 XP AC BC RA PVC XM SE				
		ANGULAR TOL ± 1.0 °							PRODUCT CUSTOMER DRAWING				
		4 PLACES ±							DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
		3 PLACES ±							1200868083		PSD	000	A2
		2 PLACES ± 0.05											
		1 PLACE ± 0.3											
		0 PLACES ± 0.5											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES			
								A3-SIZE		120086			
								MATERIAL NUMBER		CUSTOMER			
								SEE PART LIST		GENERAL MARKET			
										SHEET NUMBER			
										3 OF 3			



POLE	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH IN/MM
5	1200868061	405007P02M020	6.56' +3.50" -0 [2.0M +88.9 -0]

CONNECTOR SPECIFICATION:	
VOLTAGE RATING	5-POL: 30V/AC 36V/DC
AMPERAGE RATING	3 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-30°C TO +80°C (STATIC)
UL CERTIFICATIONS	UL listed, File #E152210
CSA CERTIFICATIONS	CSA CERTIFIED, File LR6837

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLING NUT	BRASS	NICKEL PLATED
4	OVERMOLD	TPU	YELLOW
5	CABLE 5x0.25 (24 AWG) (COPPER STRANDING) 5 CONDUCT. 300V	JACKET: PUR	BLACK

DESCRIPTION EC NO: WEU2010-0303 DRWN: REISSNER 2010/01/26 CH'KD: FP APPR: NSTAUDIG 2010/02/01	DESCRIPTION REV	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IM/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY REISSNER	DATE 2010/01/26	NC 5P M 90 24AWG PUR CABLE ----			
			4 PLACES	±---	±---	CHECKED BY	DATE				
			3 PLACES	±---	±---	FP	2010/01/26	MOLEX INCORPORATED			
			2 PLACES	±---	±.01	APPROVED BY	DATE				
			1 PLACE	±0.3	±---	NSTAUDIG	2010/02/01	DOCUMENT NO. SD-120086-031		SHEET NO. 1	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE					
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							