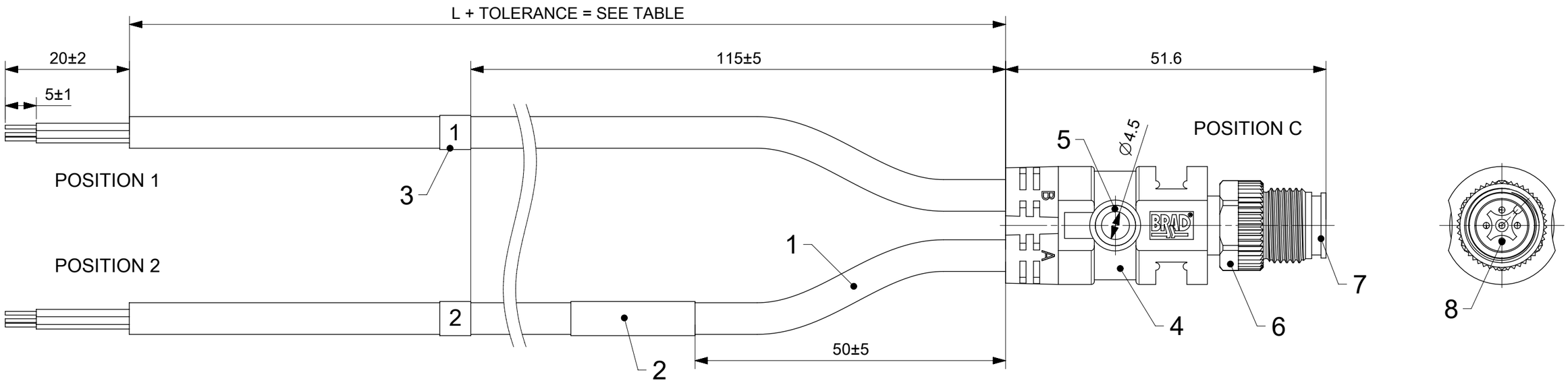


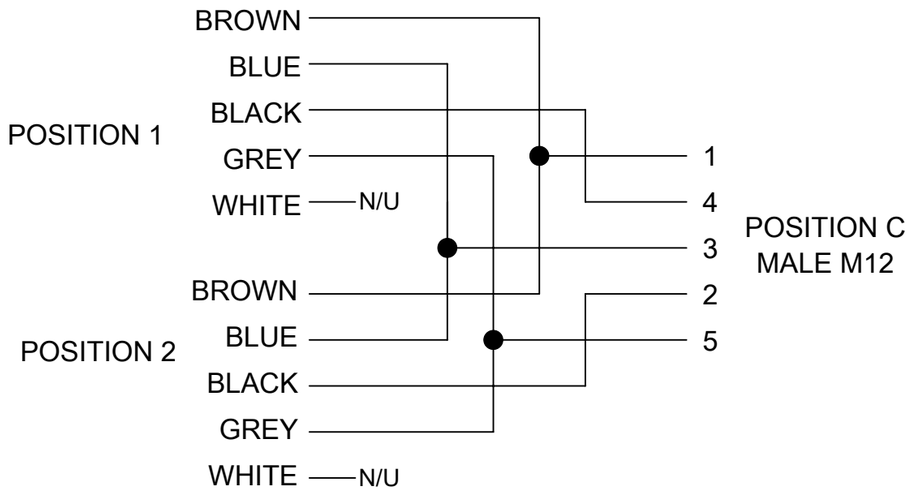
CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
B30	5	0.34mm²	TPU BLACK	UL STYLE 21215	YES	-40°C to +90°C, 5xD	-25°C to +80°C, 7.5xD	-	-

TABLE PART LIST

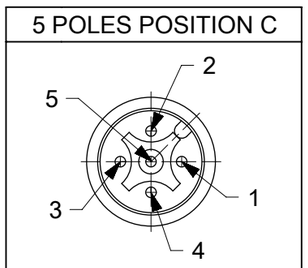
MOLEX PN	ENGINEERING PN	CABLE LENGTH IN METER
1200688229	1200688229	2m
1200688230	1200688230	5m
1200688231	1200688231	10m

CABLE LENGTH TOLERANCES		
LENGTH	TOLERANCE	
shorter 1m	+40 mm	-0 mm
1m-5m	+60 mm	-0 mm
5m-10m	+80 mm	-0 mm
10m-20m	+140 mm	-0 mm
20m-30m	+160 mm	-0 mm
longer 30m	+1%	-0 mm

WIRING DIAGRAM



CONTACT POSITION
FRONT VIEW:



PIN	WIRE
1	BROWN CABLE 1+2
2	BLACK CABLE 2
3	BLUE CABLE 1+2
4	BLACK CABLE 1
5	GREY CABLE 1+2
CODING REQUIRED TO IEC 61076-2-101	

NOTE:
1. RATED CURRENT - 4Amp.

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
8	5	CONTACT M12 MALE	BRASS	SELECTIVE GOLD OVER NICKEL
7	1	INSERT MALE BLACK	PUR	---
6	1	COUPLING NUT MALE	BRASS	NICKEL PLATED
5	1	CENTRE SPACER ILS GREY	PVC	---
4	-	OVERMOULDING BLACK	PVC	---
3	2	IDENTIFICATION LABEL	---	---
2	1	LABEL YELLOW	VINYL	---
1	-	CABLE	SEE SHEET 2	---

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/31 10:03:41

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: mm
SCALE: 3:2
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 1.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.05
1 PLACE ± 0.1
0 PLACES ± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CHANGED FROM MOLEX INTERNAL TO GENERAL MARKET
EC NO: 793729
DRWN: RSCHIEBER 2024/05/15
CHK'D: RSILLER 2024/07/31
APPR: RSILLER 2024/07/31
INITIAL REVISION:
DRWN: APAWLAK01 2016/05/17
APPR: MIWASIECZKO 2016/06/15

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 120068

molex

ILS 5P MM / 2XFREE ENDS XM WSOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200688230	PSD	000	A2

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

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