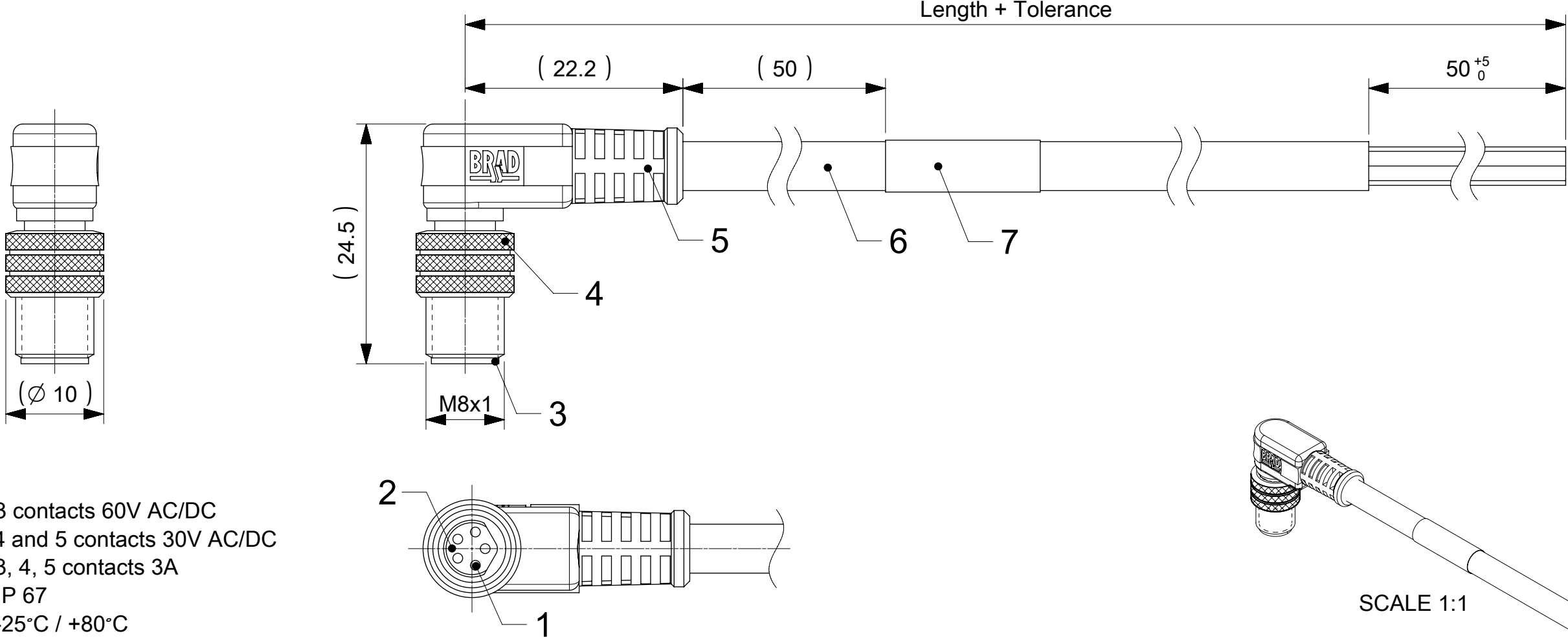


MALE PLUG M8 90° ANGLED



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

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

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS		SCALE	
mm		2:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC:	
ANGULAR TOL ± 1.0 °		EC NO: 600840	
4 PLACES ±		DRWN: FDAERNER 2018/06/29	
3 PLACES ±		CHK'D: RSILLER 2018/07/05	
2 PLACES ± 0.05		APPR: RSILLER 2018/07/05	
1 PLACE ± 0.3		INITIAL REVISION:	
0 PLACES ± 0.5		DRWN: JMARSZALEK 2016/09/05	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: RSILLER 2016/09/09	
THIRD ANGLE PROJECTION		DRAWING	
A3-SIZE		SERIES	
120086		MATERIAL NUMBER	
SEE PART LIST		CUSTOMER	
GENERAL MARKET		SHEET NUMBER	
1 OF 3			

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS

4

0

X

0

0

7

X

X

X

X

X

X

X

X

40=Nano-Change
M8x1
Single ended

Poles:
3=3 Poles
4=4 Poles
5=5 Poles

Heads style:
007=Plug Male Angled

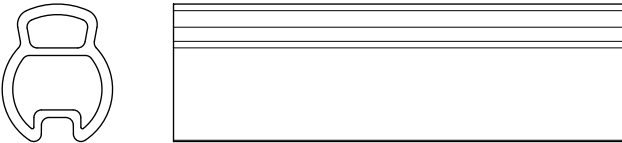
Cable type: See Table

Units:
M=Meter
C=Centimeter
T=10x Meter

Length
Examples:
005=0.5 units
010=1 units
020=2 units
050=5 units
100=10 units
150=15 units
200=20 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. of I/D Carrier)



CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E02	3 / 4 / 5	0.25mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
H08	3 / 4 / 5	0.25mm²	PUR BLACK LSOH	UL 21198/10493	C22.2 I/II A/B 80°/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles, Temp max 60°C	-
I02	3 / 4	0.25mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
P02	3 / 4 / 5	0.25mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length

SYMBOLS

▽ = 0

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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

SCALE

mm

2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

CURRENT REV DESC:

EC NO: 600840

DRWN: FDAFERNER

CHK'D: RSILLER

APPR: RSILLER

2018/06/29

2018/07/05

2018/07/05

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2016/09/05

2016/09/09

molex

CSE M8 XP AC BC RA PVC XM SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200868083

DOC TYPE

PSD

DOC PART

000

REVISION

A1

SEE PART LIST

GENERAL MARKET

2 OF 3

DOCUMENT STATUS

P1

RELEASE DATE

2018/07/05

07:09:55

10987654321

No.	Part No.	Engineering No.	Cable Length
106			
107			
108			
109			
110			
111			
112			
113			
114			
115			
116			
117			
118			
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140			

FORMAT: master-tb-prod-A3
REVISION: H 10