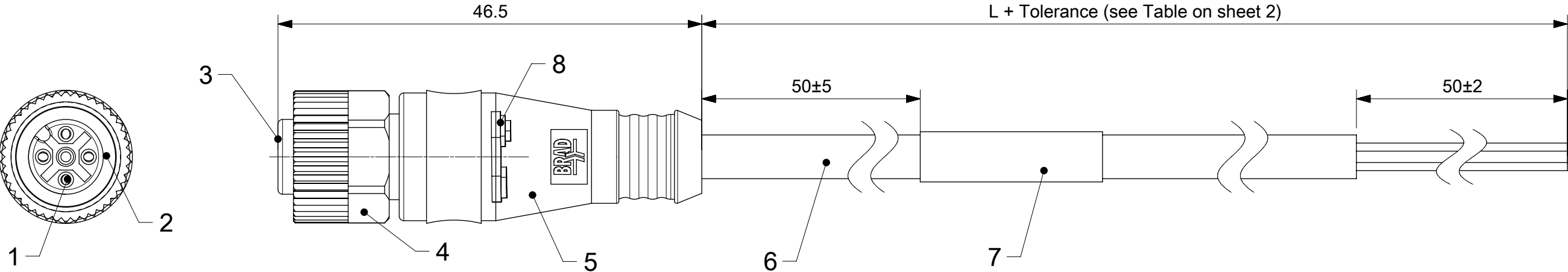
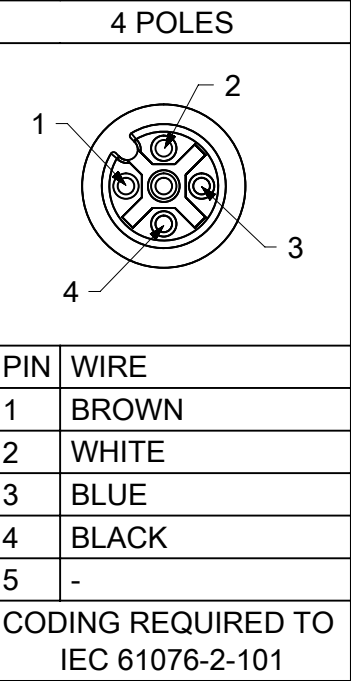


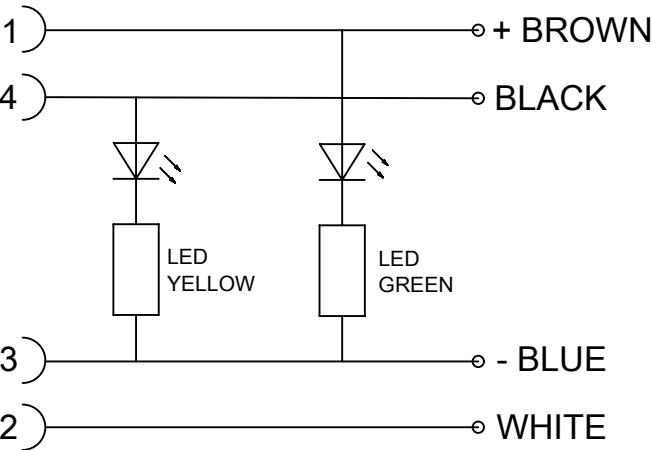
FEMALE PLUG M12 STRAIGHT PNP LED



CONTACT POSITION
FRONT VIEW:



PNP WIRING



BILL OF MATERIALS

8	1	PCB PNP	---	---
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING TRANSPARENT	TPU	---
4	1	COUPLING NUT FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	4	CONTACT M12 FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
QUALITY SYMBOLS		EC NO: 105100 DRWN: APAWLAK01 CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2016/05/16 2016/05/20 2016/05/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® CSE M12 PNP 4P AC FE STR WSOR XM SE BK							
FA = 0 FE = 0 FD = 0 FA = 0 FC = 0 FX = 0 FA = 0 FA = 0						mm		2:1									
						DRWN BY APAWLAK01							DATE 2016/05/16				
						CHK'D BY							DATE				
FA = 0 FE = 0 FD = 0 FA = 0 FC = 0 FX = 0 FA = 0 FA = 0				4 PLACES		±		APPR BY MIWASIECZKO				DATE 2016/05/20					
				3 PLACES		±											
				2 PLACES		± 0.05											
				1 PLACE		± 0.1											
FA = 0 FE = 0 FD = 0 FA = 0 FC = 0 FX = 0 FA = 0 FA = 0				0 PLACES		± 0.2		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3				120067		SEE SHEET 2		GENERAL MARKET			
FA = 0 FE = 0 FD = 0 FA = 0 FC = 0 FX = 0 FA = 0 FA = 0		A		REV		A3				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
								1200678463		PSD		000		1 OF 2			

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

8040P0B30XXX

80 = M12x1
Single ended

Poles:
4 = 4 Poles

Heads style:
0P0 = Plug Female
Straight PNP LED

Cable:
B30 = 0.34mm² TPU Black

Units:
M = Meter

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

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
B30	4	0.34mm²	TPU BLACK	UL STYLE 21215	YES	-40°C to +90°C, 5xD	-25°C to +80°C, 7.5xD	-	-

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

PART LIST

MOLEX PN	ENGINEERING PN	CABLE LENGTH IN METER
1200678463	8040P0B30M010	1m
1200678464	8040P0B30M020	2m
1200678465	8040P0B30M030	3m
1200678430	8040P0B30M050	5m
1200678466	8040P0B30M100	10m

QUALITY SYMBOLS

FA

= 0

FC

= 0

FB

= 0

FV

= 0

CV

= 0

XC

= 0

■

= 0

▽

= 0

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2016/05/16
2016/05/20
2016/05/20

EC NO: 105100
DRWN: APAWLAK01
CHK'D: MIWASIECZKO
APPR: MIWASIECZKO

A

REV

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

DIMENSION UNITS

mm

SCALE

1:1

DRWN BY

DATE

APAWLAK012016/05/16

CHK'D BY

DATE

APPR BY

DATE

MIWASIECZKO2016/05/20

DRAWING SIZE

THIRD ANGLE PROJECTION

A3

molex®

CSE M12 PNP 4P AC FE STR WSOR XM SE BK

PRODUCT CUSTOMER DRAWING

SERIES

120067

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

1200678463

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

2 OF 2

RELEASE STATUS	P1	RELEASE DATE	2016/05/20	06:35:26
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FORMAT: master-b-prod-A3
REVISION: G
DATE: 2015/12/14