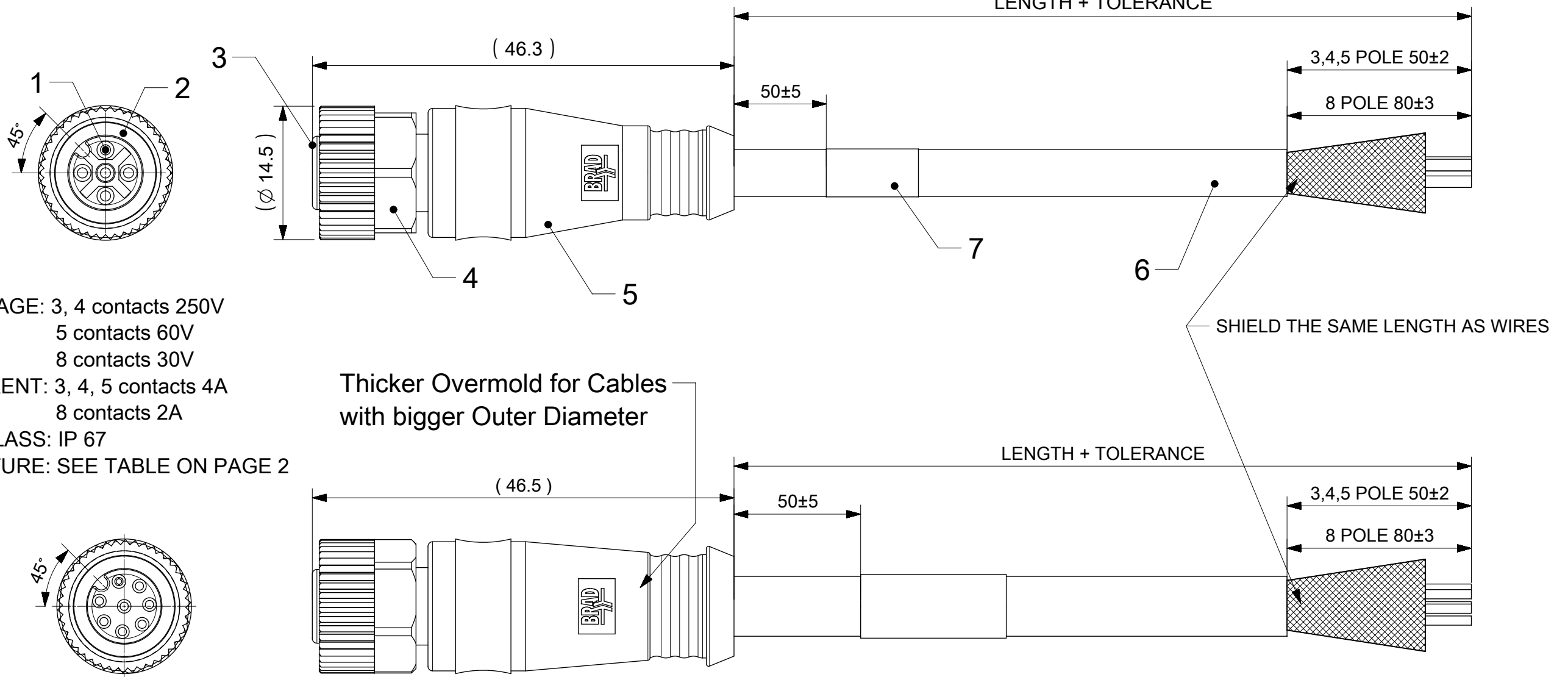


FEMALE PLUG M12 STRAIGHT



NOTES:
 RATED VOLTAGE: 3, 4 contacts 250V
 5 contacts 60V
 8 contacts 30V
 RATED CURRENT: 3, 4, 5 contacts 4A
 8 contacts 2A
 PROTECTION CLASS: IP 67
 TEMPERATURE: SEE TABLE ON PAGE 2

CONTACTS POSITION FRONT VIEW:

3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN	1	WHITE
2	---	2	WHITE	2	WHITE	2	BROWN
3	BLUE	3	BLUE	3	BLUE	3	GREEN
4	BLACK	4	BLACK	4	BLACK	4	YELLOW
5	---	5	---	5	GREY	5	GREY
						6	PINK
						7	BLUE
						8	RED
SHIELD CONNECTED TO THE HOUSING							
CODING REQUIRED TO IEC 61076-2-101							

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOLDING BLACK	TPU	---
4	1	COUPLING NUT KNU/HEX FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE SHIELD BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT M12 FEMALE	BRASS	SELECTIVE Au OVER Ni

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex			
▽ = 0	mm	SCALE	2:1			CSE M12 XP AC FE STR WSOR XM SE SHLD BK	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC:		PRODUCT CUSTOMER DRAWING		
▽ = 0	ANGULAR TOL ± 1.0°		EC NO: 619029				DOCUMENT NUMBER
▽ = 0	4 PLACES ±		DRWN: AKONDRACIUK 2019/06/13		1200698487		
▽ = 0	3 PLACES ±		CHK'D: DSTACHOWIAK 2019/06/14				DOC TYPE DOC PART REVISION
▽ = 0	2 PLACES ± 0.05		APPR: DSTACHOWIAK 2019/06/14		PSD 00P A2		
▽ = 0	1 PLACE ± 0.3		INITIAL REVISION:				MATERIAL NUMBER
▽ = 0	0 PLACES ± 0.5		DRWN: AKONDRACIUK 2017/05/26		CUSTOMER		
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: MIWASIECZKO 2017/06/06				SHEET NUMBER
▽ = 0	THIRD ANGLE PROJECTION		DRAWING		GENERAL MARKET		
		A3-SIZE		120069			1 OF 3

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

OPTIONS

8 0 X S 0 0 X X X X X X X X

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
S00=Plug Female
Straight Shield

Cable type: See Table

Units:
M=Meter
C=Centimeter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

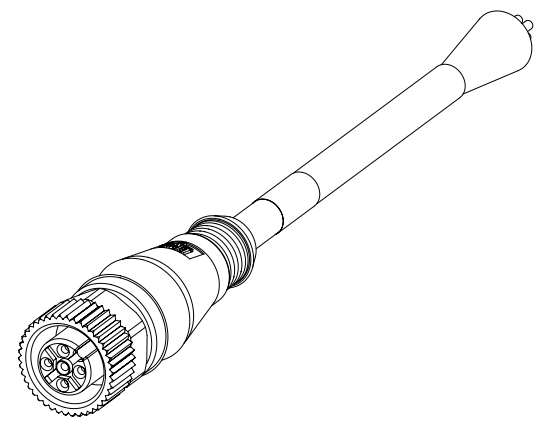
H= 2 pcs. of I/D Carrier
PVC Transparent



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
BS1	3 / 4 / 5	0.34mm ²	TPU Black	STYLE 21215	YES	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	BRAID
BS2	8	0.25mm ²	TPU Black	STYLE 21215	YES	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	BRAID

FOR RAW CABLE SPECIFICATION SEE SD-120209-003



SCALE 1:1

TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE
0	1000	+40 0
1000	5000	+60 0
5000	10000	+80 0
10000	20000	+140 0
20000	30000	+160 0
30000	>	+1% OF LENGTH

SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE: 1:1	CURRENT REV DESC:					
	mm	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 619029 DRWN: AKONDRACIUK 2019/06/13 CHK'D: DSTACHOWIAK 2019/06/14 APPR: DSTACHOWIAK 2019/06/14			
	ANGULAR TOL ± 1.0°		4 PLACES ±	CSE M12 XP AC FE STR WSOR XM SE SHLD BK				
	3 PLACES ±		PRODUCT CUSTOMER DRAWING					
	2 PLACES ± 0.05		INITIAL REVISION:				DOCUMENT NUMBER	DOC TYPE
1 PLACE ± 0.3		DRWN: AKONDRACIUK 2017/05/26			1200698487	PSD	00P	A2
0 PLACES ± 0.5		APPR: MIWASIECZKO 2017/06/06						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
			A3-SIZE	120069	GENERAL MARKET		2 OF 3	

PART LIST

No	Part No	Engineering No	Cable Length
1	1200698487	804S00BS1M050	5m
2	1200698538	805S00BS1M050	5m
3	1200698539	805S00BS1M100	10m
4	1200698540	808S00BS2M100	10m
5	1200698556	804S00BS1M100	10m
6	1200698557	804S00BS1M150	15m
7	1200698558	804S00BS1M200	20m
8	1200698591	803S00BS1M010	1m
9	1200698592	803S00BS1M020	2m
10	1200698593	803S00BS1M050	5m
11	1200698594	803S00BS1M100	10m
12	1200698595	804S00BS1M010	1m
13	1200698596	804S00BS1M020	2m
14	1200698597	805S00BS1M010	1m
15	1200698598	805S00BS1M020	2m
16	1200698599	808S00BS2M010	1m
17	1200698600	808S00BS2M020	2m
18	1200698601	808S00BS2M050	5m
19	1200698725	804S00BS1M030	3m
20	1200698727	805S00BS1M030	3m
21	1200698756	805S00BS1M015	1.5m
22	1200699007	804S00BS1M250	25m
23	1200699057	805S00BS1M200	20m
24	1200699058	805S00BS1M300	30m
25	1200699059	805S00BS1M500	50m
26	1200699307	808S00BS2M070	7m
27	1200699457	804S00BS1M040	4m
28	1200699479	808S00BS2M200	20m
29	1200699595	808S00BS2M150	15m
30	1200699596	805S00BS1M150	15m
31			
32			
33			
34			
35			

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	1:1
	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
	A3-SIZE	120069
CURRENT REV DESC:		
EC NO: 619029		
DRWN: AKONDRACIUK 2019/06/13		
CHK'D: DSTACHOWIAK 2019/06/14		
APPR: DSTACHOWIAK 2019/06/14		
INITIAL REVISION:		
DRWN: AKONDRACIUK 2017/05/26		
APPR: MIWASIECZKO 2017/06/06		
DOCUMENT NUMBER		DOC TYPE
1200698487		PSD
DOC PART	REVISION	
00P	A2	
GENERAL MARKET		3 OF 3