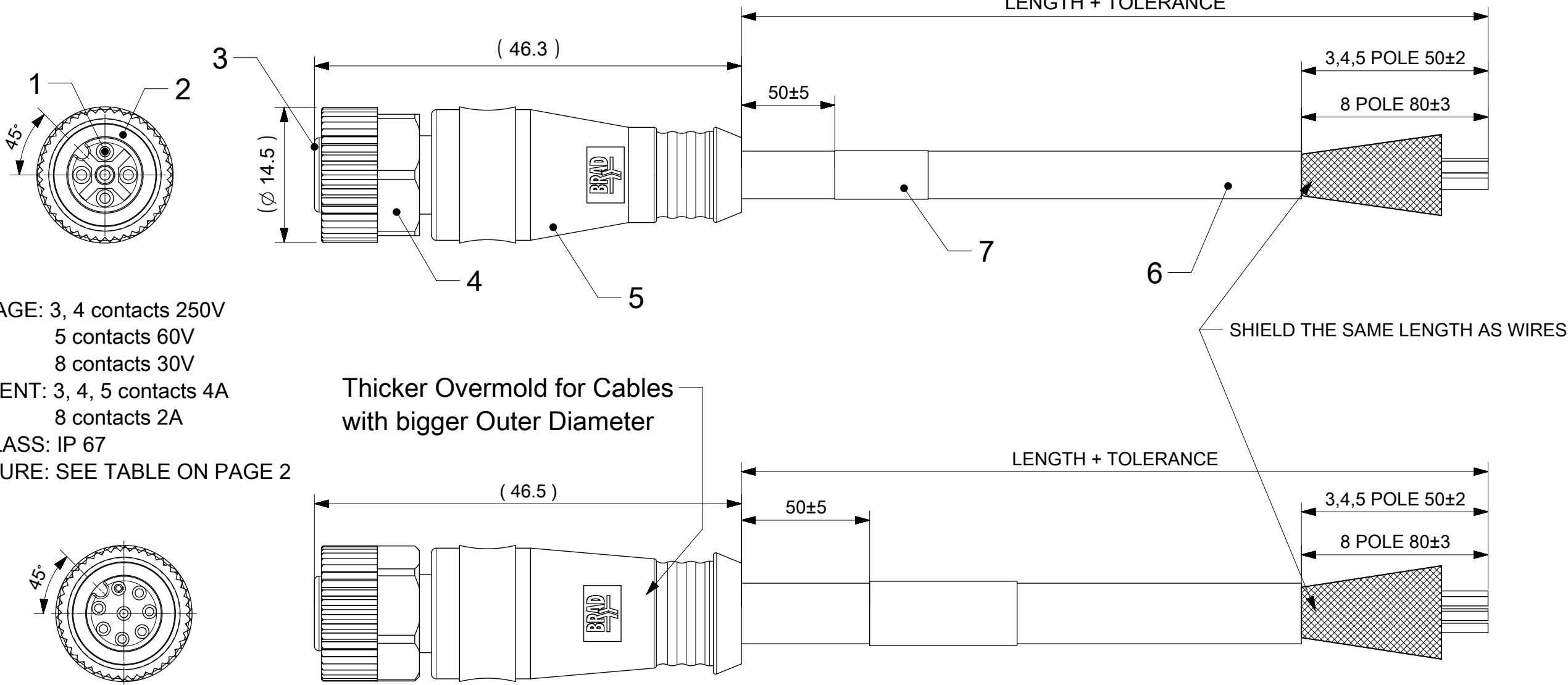


FEMALE PLUG M12 STRAIGHT



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

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
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FA = 0	EC NO: 117754 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO REV APPR: MIWASIECZKO	2017/05/26 2017/06/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® CSE M12 XP AC FE STR WSOR XM SE SHLD BK							
FE = 0					MM		2:1									
FP = 0					DRWN BY		DATE									
▼ = 0					AKONDRACIUK		2017/05/26									
FC = 0			4 PLACES		±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING					
▼ = 0			3 PLACES		±		MIWASIECZKO		2017/06/06							
C = 0			2 PLACES		± 0.05											
⊠ = 0			1 PLACE		± 0.3											
■ = 0			0 PLACES		± 0.5		APPR BY		DATE		SERIES		MATERIAL NUMBER		CUSTOMER	
▽ = 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		120069		SEE SHEET 3		GENERAL MARKET			
	A	REV			A3				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
									1200698487		PSD		00P		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

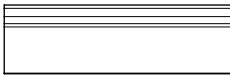
Heads style:
S00=Plug Female
Straight Shield

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
(Cables lxx & P82 always
with 2 pcs. of I/D Carrier
even if no H in
Engineering No.)



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	0.34mm²	TPU Black	STYLE 21215	YES	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	BRAID
BS2	8	0.25mm²	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

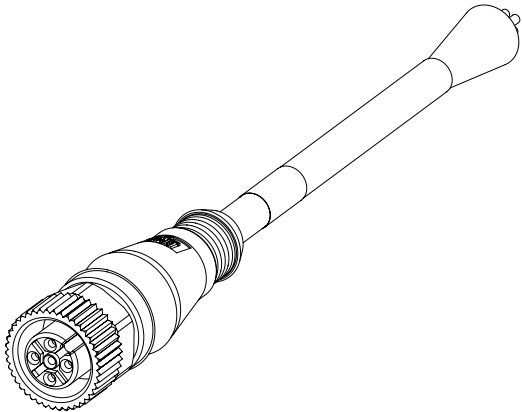


TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE
0	1000	+40 0
1000	5000	+60 0
5000	10000	+80 0
10000	20000	+140 0
20000	30000	+160 0
30000	>	+1% OF LENGTH

RELEASE STATUS	P1	RELEASE DATE	06.06.2017	06:24:52
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
QUALITY SYMBOLS		EC NO: 117754 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2017/05/26 2017/06/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® CSE M12 XP AC FE STR WSOR XM SE SHLD BK						
F A = 0 F E = 0 F P = 0 ▽ = 0 C = 0 ⊠ = 0 ■ = 0 ∇ = 0						MM		1:1								
						DRWN BY AKONDRACIUK									DATE 2017/05/26	
						CHK'D BY									DATE	
				4 PLACES		±		APPR BY				DATE				
				3 PLACES		±		MIWASIECZKO				2017/06/06				
				2 PLACES		± 0.05										
				1 PLACE		± 0.3		DRAWING SIZE		THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING				
				0 PLACES		± 0.5										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3				SERIES		MATERIAL NUMBER		CUSTOMER		
A		REV								120069		SEE SHEET 3		GENERAL MARKET		
								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
								1200698487		PSD		00P		2 OF 3		

9		8		7		6		5		4		3		2		1	
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																	
30																	
31																	
32																	
33																	
34																	
35																	

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	= 0	EC NO: 117754 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO	2017/05/26 2017/06/06	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		DIMENSION UNITS		SCALE											
						MM		1:1											
						DRWN BY		DATE											
						AKONDRACIUK		2017/05/26											
						CHK'D BY		DATE		CSE M12 XP AC FE STR WSOR XM SE SHLD BK									
						APPR BY		DATE											
						MIWASIECZKO		2017/06/06		PRODUCT CUSTOMER DRAWING									
						DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER				CUSTOMER			
						A3				120069		SEE PART LIST				GENERAL MARKET			
												DOCUMENT NUMBER				DOC TYPE	DOC PART	SHEET NUMBER	
						1200698487				PSD	00P	3 OF 3							

RELEASE STATUS		P1	RELEASE DATE		06.06.2017	06:24:52	7		6		5		4		3		2		1	
9		8		7		6		5		4		3		2		1				
FORMAT: master-B-prod-A3				REVISION: G				DATE: 2015/12/14												