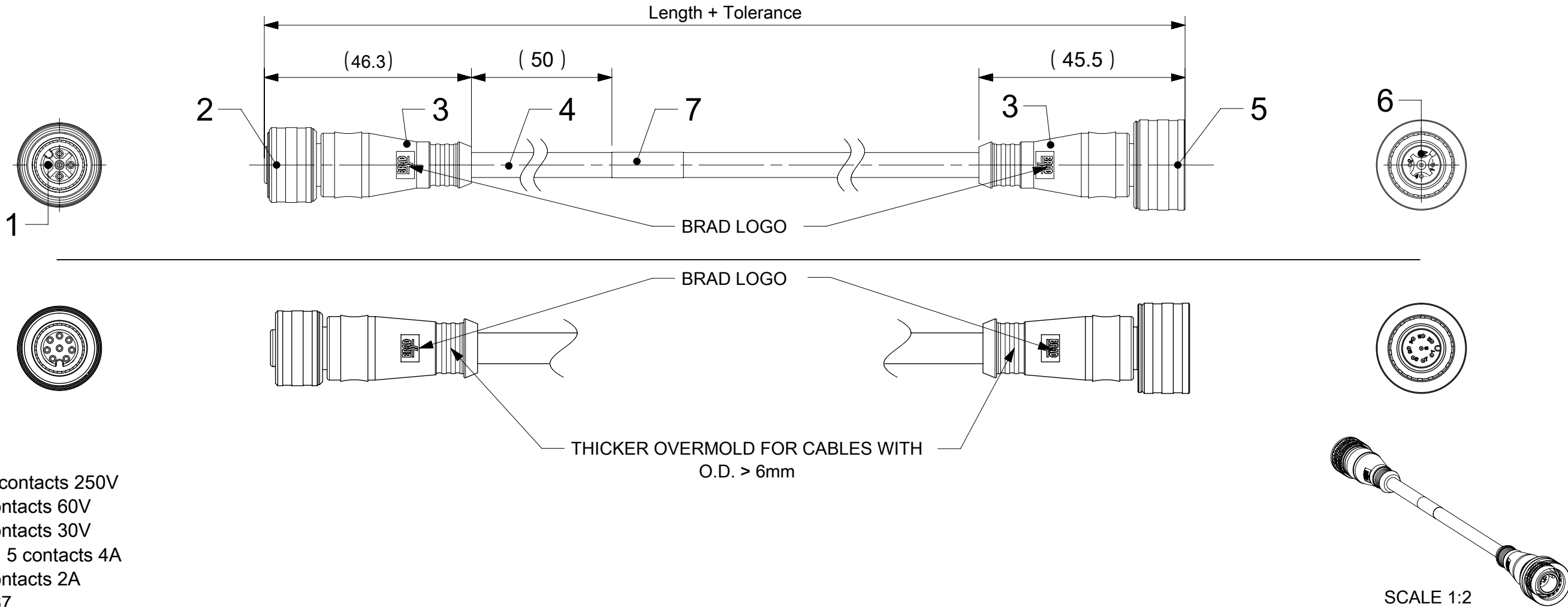


FEMALE PLUG M12U STRAIGHT TO MALE PLUG M12U STRAIGHT



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: -25°C / +80°C

CONTACTS POSITION FRONT VIEW:

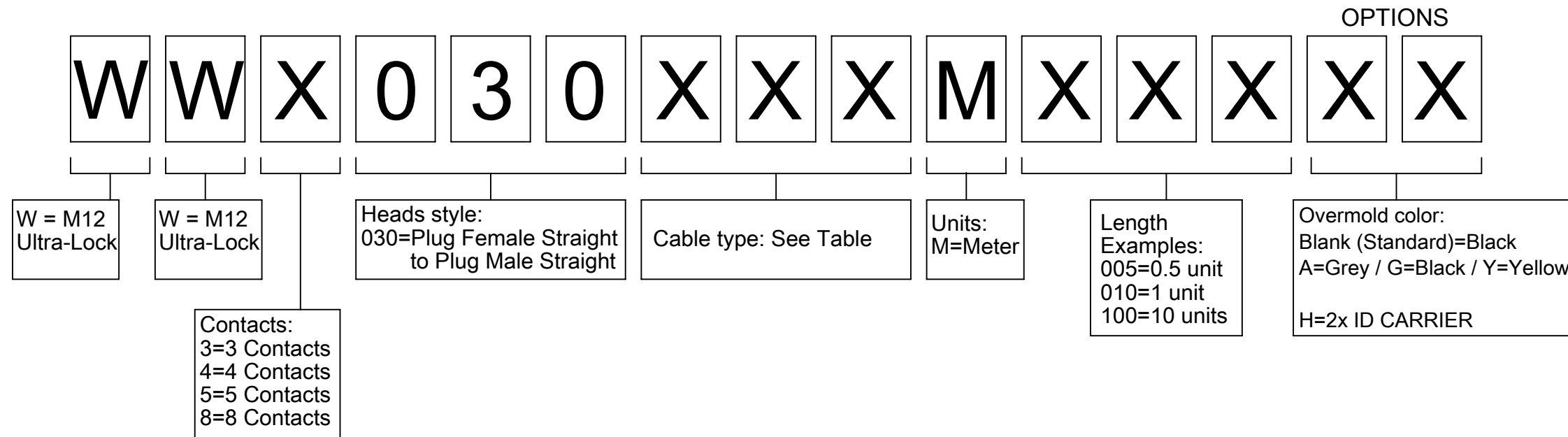
	3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
FEMALE								
MALE								
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN	1	WHITE
	2	-	2	WHITE	2	WHITE	2	BROWN
	3	BLUE	3	BLUE	3	BLUE	3	GREEN
	4	BLACK	4	BLACK	4	BLACK	4	YELLOW
					5	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
CODING REQUIRED TO IEC 61076-2-101								

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL YELLOW	VINYL	-
6	3 / 4 / 5 / 8	CONTACT MALE	BRASS	SELECTIVE GOLD OVER NICKEL
5	1	PLUG U12 MALE XP	PUR, BRASS	-
4	-	CABLE	SEE SHEET 2	-
3	-	OVERMOULDING BLACK	TPU	-
2	1	PLUG U12 FEMALE XP	PUR, BRASS	-
1	3 / 4 / 5 / 8	CONTACT 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		2018/06/21 2018/06/27 2018/06/28 EC NO: 178454 DRWN: SSM CHK'D: SSM REV APPR: RSILLER				GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® M12U-XP-FE-STR-XP-M-STR-XM														
FA = 0 FE = 0 FP = 0 FV = 0 FC = 0 FX = 0 FS = 0 FV = 0								mm		1:1																
ANGULAR TOL ± 1.0 °								DRWN BY		DATE							PRODUCT CUSTOMER DRAWING									
4 PLACES						±		MKOWALCZYK01				2017/05/18														
3 PLACES						±		CHK'D BY				DATE														
2 PLACES						± 0.05		APPR BY				DATE		SERIES 120080 MATERIAL NUMBER SEE MATRIX CUSTOMER GENERAL MARKET												
1 PLACE						± 0.3		MIWASIECZKO				2017/05/31														
0 PLACES						± 0.5		DRAWING SIZE				THIRD ANGLE PROJECTION														
A2						REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3				DOCUMENT NUMBER 1200805076					DOC TYPE PSD		DOC PART 00P		SHEET NUMBER 1 OF 3	

ENGINEERING NO. - NUMERICAL CODE



CABLE INFORMATION

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E03	3 / 4 / 5	0.34mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
H08	3 / 4 / 5 / 8	0.25mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
H09	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
P02	3 / 4 / 5 / 8	0.25mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P82	5	0.34mm²	PUR / IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-	-

CABLE LENGTH TOLERANCES

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

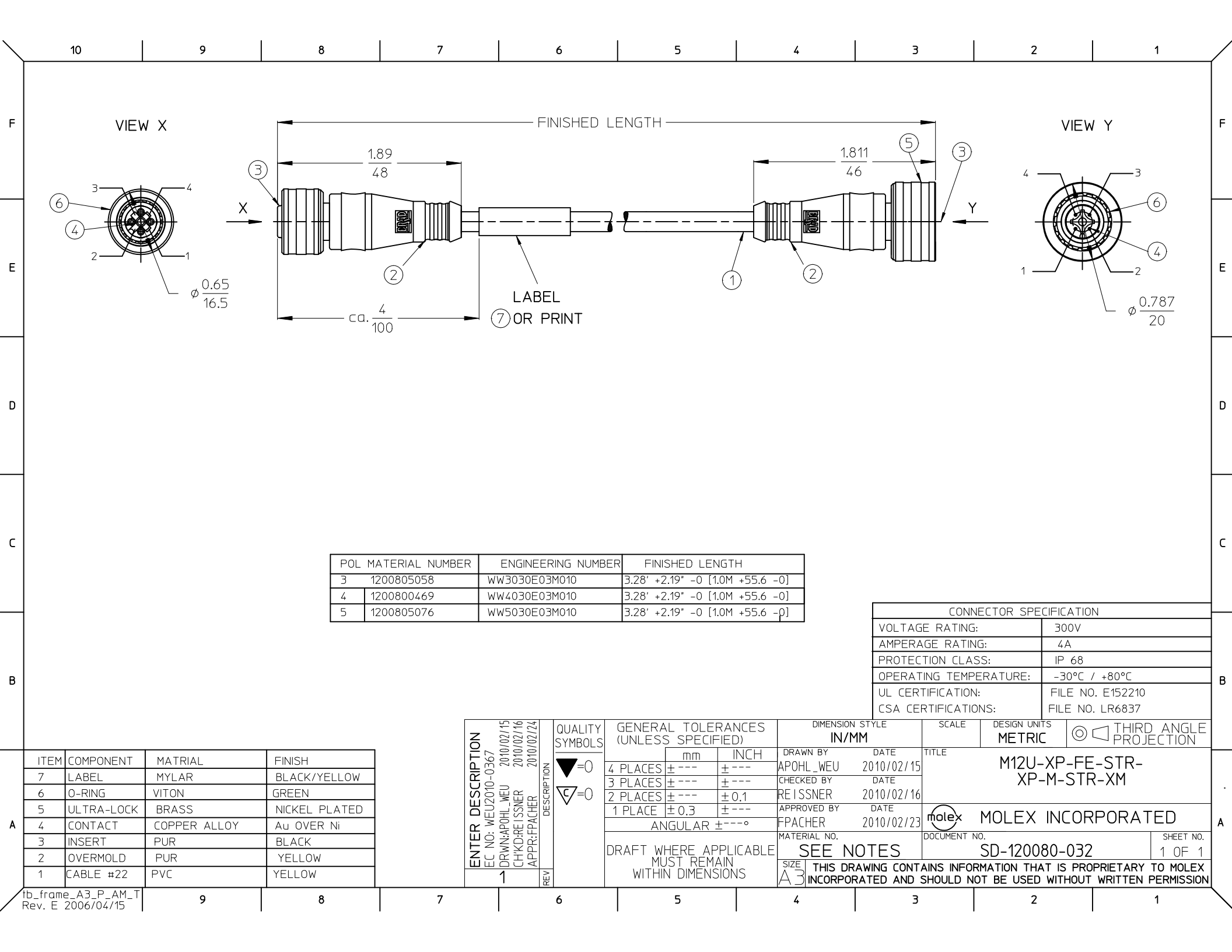
QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FA = 0	2018/06/21 2018/06/27 2018/06/28 EC NO: 178454 DRWN: SSM CHK'D: SSM APPR: RSILLER REV	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR 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		molex®					
FE = 0			mm		1:1							
FP = 0			DRWN BY		DATE		M12U-XP-FE-STR-XP-M-STR-XM					
FV = 0			MKOWALCZYK01		2017/05/18							
FC = 0			CHK'D BY		DATE							
CS = 0			APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
CX = 0			MIWASIECZKO		2017/05/31							
CS = 0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER		CUSTOMER		
CS = 0			A2	A3			120080	SEE MATRIX		GENERAL MARKET		
CS = 0							DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
					1200805076	PSD	00P	2 OF 3				

A

RELEASE STATUS	P1	RELEASE DATE	2018/06/28	06:17:11
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A

FORMAT: master-tb-prod-A4
REVISION: G
DATE: 2017/02/06



	POL MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
3	1200805058	WW3030E03M010	3.28' +2.19" -0 [1.0M +55.6 -0]
4	1200800469	WW4030E03M010	3.28' +2.19" -0 [1.0M +55.6 -0]
5	1200805076	WW5030E03M010	3.28' +2.19" -0 [1.0M +55.6 -0]

CONNECTOR SPECIFICATION	
VOLTAGE RATING:	300V
AMPERAGE RATING:	4A
PROTECTION CLASS:	IP 68
OPERATING TEMPERATURE:	-30°C / +80°C
UL CERTIFICATION:	FILE NO. E152210
CSA CERTIFICATIONS:	FILE NO. LR6837

ITEM	COMPONENT	MATERIAL	FINISH
7	LABEL	MYLAR	BLACK/YELLOW
6	O-RING	VITON	GREEN
5	ULTRA-LOCK	BRASS	NICKEL PLATED
4	CONTACT	COPPER ALLOY	Au OVER Ni
3	INSERT	PUR	BLACK
2	OVERMOLD	PUR	YELLOW
1	CABLE #22	PVC	YELLOW

ENTER DESCRIPTION EC NO: WEU2010-0367 DRAWN: APOHL WEU 2010/02/15 CHKD: REISSNER 2010/02/16 APPR: FPACHER 2010/02/24 1	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE M12U-XP-FE-STR- XP-M-STR-XM			
		4 PLACES	± ---	± ---	APOHL WEU	2010/02/15				
		3 PLACES	± ---	± ---	CHECKED BY	DATE				
		2 PLACES	± ---	± 0.1	REISSNER	2010/02/16				
		1 PLACE	± 0.3	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
		ANGULAR ± ---°		FPACHER	2010/02/23					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE NOTES		SD-120080-032		1 OF 1	
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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