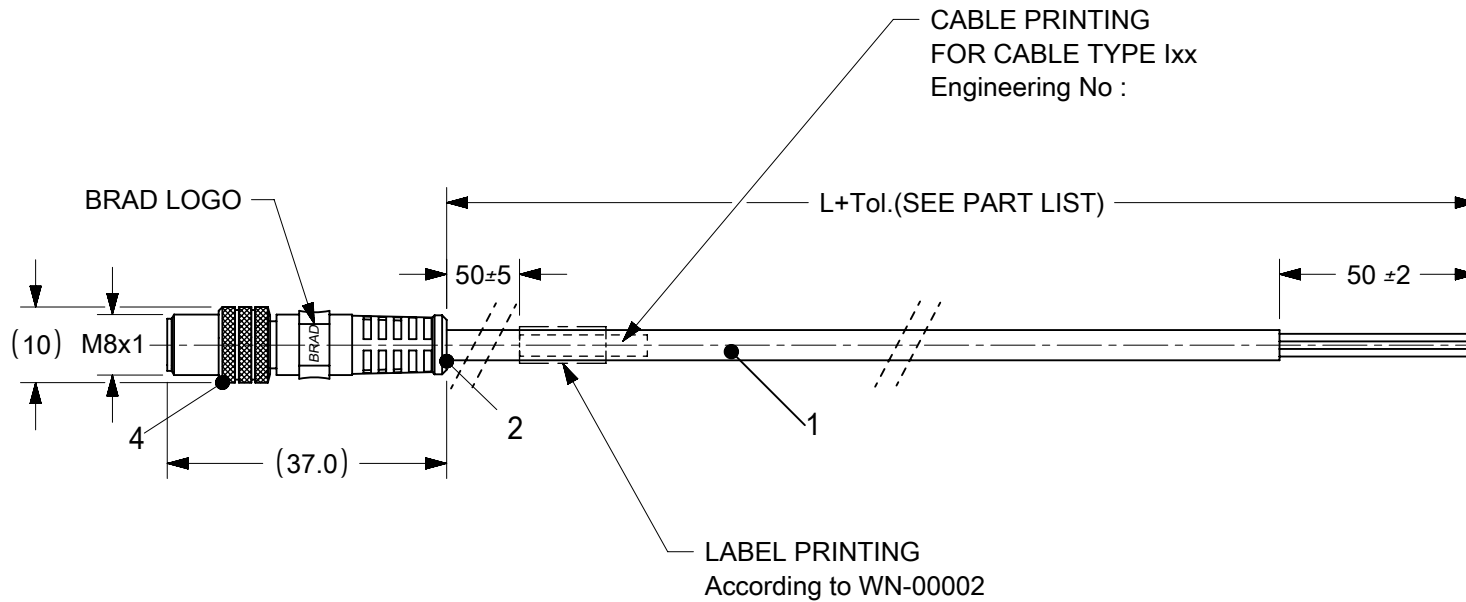
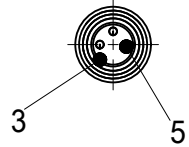


# STRAIGHT PLUG



**NOTES:**

Temperatur Range	-25°C/+80°C
Contact Current Rating	3A
Voltage Rating	3 poles 60V 4-5 poles 30V
Protection class	IP 67

**Cable:**

E02 = 0,25mm <sup>2</sup> , PVC black
H08 = 0,25mm <sup>2</sup> , PUR black, LS0H
I02 = 0,25mm <sup>2</sup> , PVC grey irradiated
P02 = 0,25mm <sup>2</sup> , PUR/PVC black
P08 = 0,25mm <sup>2</sup> , PUR yellow HIFLEX
A10 = 0,25mm <sup>2</sup> , PVC yellow

**CABLE LENGTH TOLERANCES**

LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

**BOM**

ITEM	Part	Material	Finish
5	Contact	Copper Alloy	Gold Plated
4	Coupling Nut	Brass	Ni Plated
3	Insert	PUR	Black
2	Overmold	TPU	Black
1	Cable	See Table	---

3 WIRE		4 WIRE		5 WIRE	
Pin #.	Wire	Pin #.	Wire	Pin #.	Wire
1	Brown	1	Brown	1	Brown
2	-	2	White	2	White
3	Blue	3	Blue	3	Blue
4	Black	4	Black	4	Black
5	-	5	-	5	Grey

FUNCTIONAL SYMBOLS FA=0 FE=0 FP=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: NEW P/N ADDED	
	DIMENSION UNITS	SCALE	EC NO: 634964	
	mm	1:1	DRWN: RSCHEIBER 2020/03/30	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: RSILLER 2020/03/30	
ANGULAR TOL ± 1.0°		APPR: RSILLER 2020/03/30		
DIVISIONAL SYMBOLS	4 PLACES ±	INITIAL REVISION:		
	3 PLACES ±	DRWN: APOHL 2011/08/24		
	2 PLACES ± 0.05	APPR: AVOGT 2012/01/18		
	1 PLACE ± 0.3	0 PLACES ±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A4-SIZE	120086
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SEE SHEET 3	GENERAL MARKET	1 OF 3

**molex**

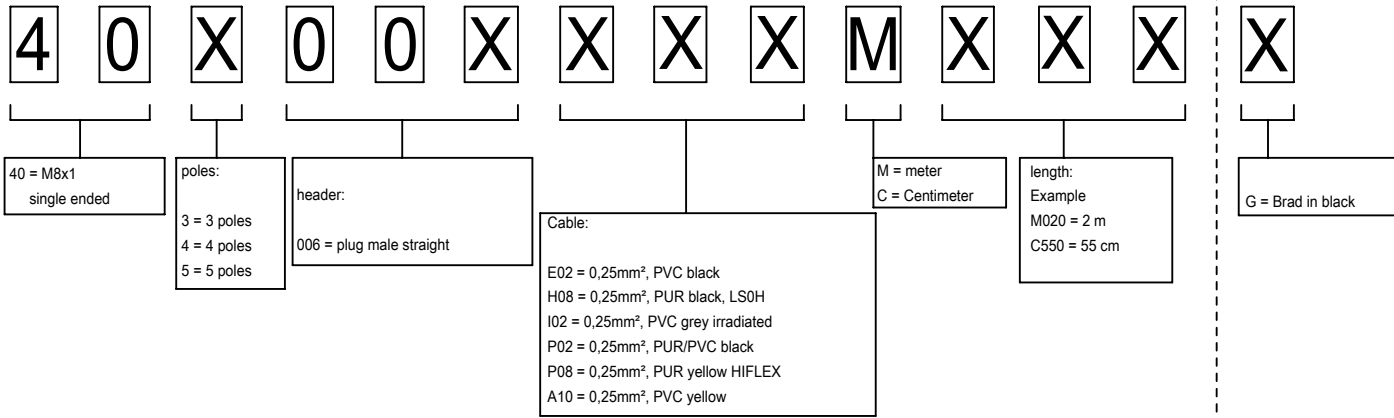
CSE M8 XP XC MA STR XM  
SE UNSH NANO-CHANGE

PRODUCT CUSTOMER DRAWING

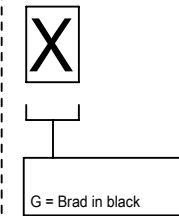
DOCUMENT STATUS	P1	RELEASE DATE	2020/03/30	14:05:27
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# NUMERICAL CODE

(Available parts see table page 3 ff others on request.)



# Special Types:



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	DIMENSION UNITS	SCALE				CURRENT REV DESC: NEW P/N ADDED	
$\frac{F}{A} = 0$	mm	1:1	EC NO: 634964 DRWN: RSCHIEBER 2020/03/30 CHK'D: RSILLER 2020/03/30 APPR: RSILLER 2020/03/30 INITIAL REVISION: DRWN: APOHL 2011/08/24 APPR: AVOGT 2012/01/18				
$\frac{F}{E} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)						
$\frac{F}{P} = 0$	ANGULAR TOL $\pm 1.0^\circ$						
DIVISIONAL SYMBOLS	4 PLACES	$\pm$					
	3 PLACES	$\pm$					
	2 PLACES	$\pm 0.05$	PRODUCT CUSTOMER DRAWING				
	1 PLACE	$\pm 0.3$	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES	$\pm$	SD-120086-002		PSD	001	A5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A4-SIZE	120086	SEE SHEET 3	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/30	14:05:27
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PART LIST:

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1200868056	403006E02M006
1200270364	403006E02M010
1200868303	403006E02M015
1200868228	403006E02M020
1200868304	403006E02M025
1200868305	403006E02M030
1200271420	403006E02M035
1200271421	403006E02M040
1200868306	403006E02M045
1200270105	403006E02M050
1200271422	403006E02M060
1200868307	403006E02M100
1200868387	403006E02M150
1200868390	403006H08M020
1200868078	403006H08M050
1200868310	403006I02M003
1200868311	403006I02M004
1200868312	403006I02M006
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1200868315	403006I02M011
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1200868318	403006I02M020
1200868319	403006I02M030
1200868320	403006I02M050
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1200868322	403006I02M150
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1200271332	403006P02M003
1200271179	403006P02M004
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1200271200	403006P02M006
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1200270588	405006P02M005
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC: NEW P/N ADDED
$\frac{F}{A} = 0$	mm	1:1	<p><b>molex</b></p> <p>CSE M8 XP XC MA STR XM SE UNSH NANO-CHANGE</p> <p>PRODUCT CUSTOMER DRAWING</p>
$\frac{F}{E} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\frac{F}{P} = 0$	ANGULAR TOL ± 1.0°		
DIVISIONAL SYMBOLS	4 PLACES	±	
	3 PLACES	±	
	2 PLACES	± 0.05	
	1 PLACE	± 0.3	
	0 PLACES	±	
INITIAL REVISION:			DOCUMENT NUMBER
DRWN: APOHL			SD-120086-002
APPR: AVOGT			DOC TYPE
2011/08/24			PSD
2012/01/18			DOC PART
			001
			REVISION
			A5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			SERIES
		A4-SIZE	120086
		MATERIAL NUMBER	SEE SHEET 3
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/30	14:05:27
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