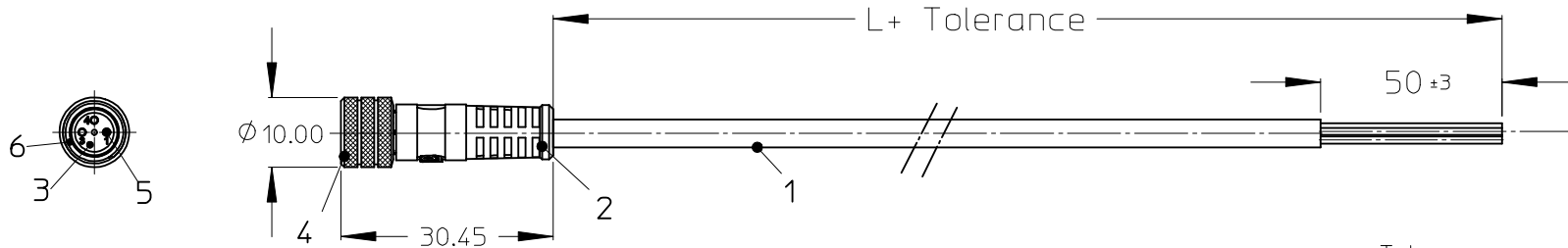


STRAIGHT PLUG FEMALE



Tolerances:

≤ 1 m	+40 mm/0
1 m - 5 m	+60 mm/0
5 m - 10 m	+80 mm/0
10 m - 20 m	+140 mm/0
20 m - 30 m	+160 mm/0
> 30 m	+1%

NOTES:

Temperatur Range: -25°C/+80°C
 Contact Current Rating: 3A
 Voltage Rating: 3 poles 60V
 4-5 poles 30V
 Protection class: IP67
 Pollution degree in mated condition: 2
 Rated impulse voltage: 3 poles 1500V
 4-5 poles 800V
 Locking Torque: 0.5Nm

Cable:

E02 = 0,25mm², PVC black
 H08 = 0,25mm², PUR black, LS0H (halogen free)
 I02 = 0,25mm², PVC grey irradiated
 K05 = 0,34mm², TPE yellow
 P02 = 0,25mm², PUR/PVC black
 P08 = 0,25mm², PUR yellow HIFLEX
 P82 = 0,34mm², PUR orange irradiated
 H09 = 0,34mm², PUR black, LS0H (halogen free)

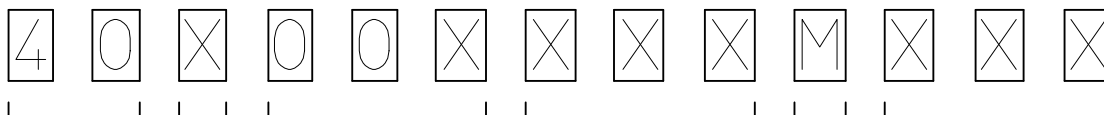
6	O-Ring	Rubber	---
5	Contact	Copper Alloy	Gold plated
4	Coupling Nut	Brass	Ni plated
3	Insert	PUR	---
2	Overmold	PUR	---
1	Cable	See Table	---
ITEM	PART	MATERIAL	FINISH

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

ENTER DESCRIPTION EC NO: IPG2016-1289 DRWN:RSCHIEBER 2016/03/23 CHKD:THAEROT 2016/03/23 APPR:PSILLER 2016/03/24	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY APOHL	DATE 2011/08/22	TITLE CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE molex			
		3 PLACES ± --- ± ---			CHECKED BY REISSNER	DATE 2012/01/16				
		2 PLACES ± 0,05 ± ---			APPROVED BY CBURGER	DATE 2012/01/18	DOCUMENT NO. SD-120086-001	SHEET NO. 1 OF 3		
1 PLACE ± 0,30 ± ---			MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
0 PLACE ± 0,50 ± ---			ANGULAR ± 1 °							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

7 6 5 4 3 2 1

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



40 = M8x1
single ended

poles:
3 = 3 poles
4 = 4 poles
5 = 5 poles

header:
000 = plug female straight

Cable:
E02 = 0,25mm², PVC black
H08 = 0,25mm², PUR black, LS0H
I02 = 0,25mm², PVC grey irradiated
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P02 = 0,25mm², PUR/PVC black
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P82 = 0,34mm², PUR black irradiated
H09 = 0,34mm², PUR black (halogen free)

M = meter

length:
Example
020 = 2 m

Special Types:




G = Brad in black
H = Std with ID tag
1 = Stainless Steel
7 = Teflon coat

ENTER DESCRIPTION EC NO: IPG2016-1289 DRWN:RSCHIEBER 2016/03/23 CHKD:THAERDT 2016/03/23 APPR:RSILLER 2016/03/24	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						DRAWN BY APOHL	DATE 2011/08/22	TITLE CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE			
						CHECKED BY REISSNER	DATE 2012/01/16				
							APPROVED BY CBURGER	DATE 2012/01/18	molex DOCUMENT NO. SD-120086-001 SHEET NO. 2 OF 3		
							MATERIAL NO. SEE TABLE				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 1 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

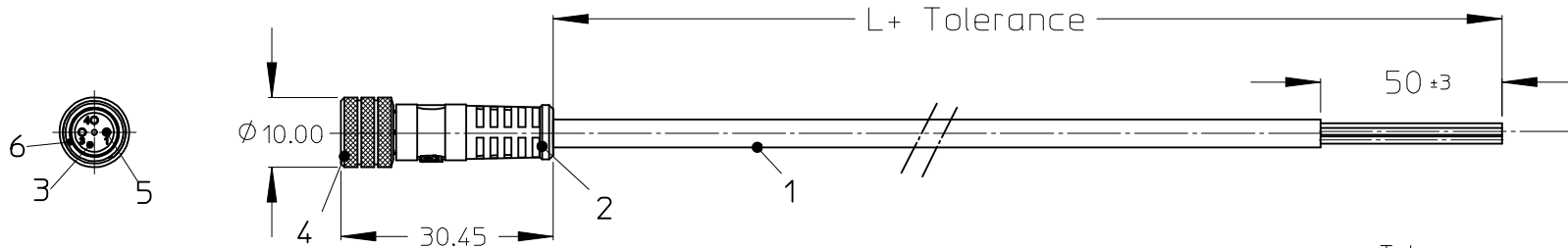
6 5 4 3 2 1

PART LIST:

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1200868263	403000E02M003	1200270082	403000I02M030	1200860482	403000P08M050	1200868207	404000H08M020	1200868172	405000E02M100
1200271417	403000E02M006	1200270083	403000I02M050	1200270791	403000P08M060	1200868060	404000H08M030	1200868395	405000H08M020
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1200271410	403000E02M012	1200868273	403000I02M150	1200868212	403000P82M005	1200868053	404000H08M050	1200868405	405000H08M100
1200271418	403000E02M015	1200860508	403000K05M010	1200868233	403000P82M010	1200868117	404000H08M100	1200868148	405000P02M005
1200270066	403000E02M020	1200860338	403000K05M020	1200271180	403000P82M020	1200868118	404000H08M200	1200270709	405000P02M020
1200868264	403000E02M020H	1200860339	403000K05M040	1200868192	403000P82M0207	1200270148	404000I02M003	1200860592	405000P02M040
1200271419	403000E02M025	1200860340	403000K05M050	1200270032	403000P82M050	1200860041	404000I02M020	1200860475	405000P02M050
1200270067	403000E02M030	1200860341	403000K05M070	1200868183	403000P82M0507	1200270149	404000I02M030	1200860593	405000P02M060
1200868265	403000E02M035	1200860342	403000K05M100	1200868420	403000P82M1007	1200868350	404000I02M050	1200270854	405000P02M075G
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1200270068	403000E02M050	1200868276	403000P02M002G	1200270549	404000E02M010	1200860369	404000I02M100	1200868530	404000P02M010
1200868267	403000E02M0501	1200868277	403000P02M003	1200868340	404000E02M015	1200860370	404000K05M020	1200868476	403000H09M020
1200868268	403000E02M060	1200868278	403000P02M003G	1200270127	404000E02M020	1200860371	404000K05M050	1200868477	404000H09M050
1200270070	403000E02M100	1200868279	403000P02M005	1200868341	404000E02M0201	1200868349	404000K05M100		
1200868423	403000E02M1001	1200868280	403000P02M006	1200868075	404000E02M020G	1200868351	404000P02M003		
1200868109	403000E02M100G	1200868281	403000P02M010	1200868114	404000E02M030	1200868156	404000P02M020		
1200868090	403000E02M150	1200868282	403000P02M012	1200868342	404000E02M040	1200868352	404000P02M030		
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1200868214	403000H08M005	1200868284	403000P02M022	1200868067	404000E02M050G	1200868354	404000P02M070		
1200271409	403000H08M010	1200868285	403000P02M030	1200868344	404000E02M080	1200868158	404000P02M100		
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1200271442	403000H08M020G	1200868288	403000P02M040	1200868345	404000E02M110	1200270649	404000P08M030		
1200868122	403000H08M030	1200868002	403000P02M050	1200270132	404000E02M150	1200270151	404000P08M050		
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1200868116	403000H08M200	1200868291	403000P02M080	1200270133	404000E02M200	1200868232	404000P82M010		
1200270080	403000I02M003	1200868003	403000P02M100	1200868069	404000E02M200G	1200271042	404000P82M0207		
1200868269	403000I02M005	1200868292	403000P02M150	1200868347	404000E02M210	1200271305	404000P82M050		
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1200270081	403000I02M020	1200270087	403000P08M030	1200868071	404000E02M400G	1200868151	405000E02M040		

ENTER DESCRIPTION EC NO: IPG2016-1289 DRW:RSCHIEBER 2016/03/23 CHKD:THAEROT 2016/03/23 APPR:RS LILLER 2016/03/24	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES	± ---	± ---	APOHL	2011/08/22	CSE M8 XP XC FE STR XM			
		3 PLACES	± ---	± ---	CHECKED BY	DATE	SE UNSH			
2 PLACES	± 0.05	± ---	REISSNER	2012/01/16	NANO- CHANGE					
1 PLACE	± 0.30	± ---	APPROVED BY	DATE						
0 PLACE	± 0.50	± ---	CBURGER	2012/01/18						
ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				SEE TABLE		SD-120086-001		3 OF 3		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

STRAIGHT PLUG FEMALE



Tolerances:

≤ 1 m	+40 mm/0
1 m - 5 m	+60 mm/0
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NOTES:

Temperatur Range: -25°C/+80°C
 Contact Current Rating: 3A
 Voltage Rating: 3 poles 60V
 4-5 poles 30V
 Protection class: IP67
 Pollution degree in mated condition: 2
 Rated impulse voltage: 3 poles 1500V
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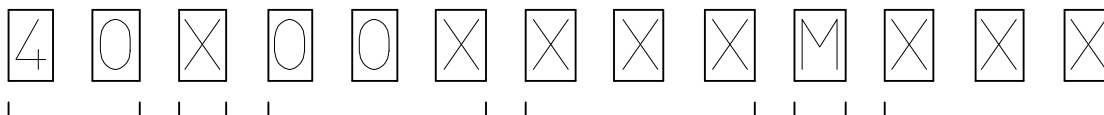
6	O-Ring	Rubber	---
5	Contact	Copper Alloy	Gold plated
4	Coupling Nut	Brass	Ni plated
3	Insert	PUR	---
2	Overmold	PUR	---
1	Cable	See Table	---
ITEM	PART	MATERIAL	FINISH

3 WIRE		4 WIRE		5 WIRE	
4	1	4	2	4	2
3	3	3	1	3	1
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

ENTER DESCRIPTION EC NO: IPG2016-1289 DRWN:RSCHIEBER 2016/03/23 CHKD:THAEROT 2016/03/23 APPR:PSILLER 2016/03/24	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES	± ---	± ---	DRAWN BY APOHL	DATE 2011/08/22	TITLE CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE molex DOCUMENT NO. SD-120086-001 SHEET NO. 1 OF 3			
		3 PLACES	± ---	± ---	CHECKED BY REISSNER	DATE 2012/01/16				
		2 PLACES	± 0,05	± ---	APPROVED BY CBURGER	DATE 2012/01/18				
1 PLACE	± 0,30	± ---	MATERIAL NO. SEE TABLE							
0 PLACE	± 0,50	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °					
A3	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

7 6 5 4 3 2 1

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



40 = M8x1
single ended

poles:
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4 = 4 poles
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header:
000 = plug female straight

Cable:
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H09 = 0,34mm², PUR black (halogen free)

M = meter

length:
Example
020 = 2 m

Special Types:




G = Brad in black
H = Std with ID tag
1 = Stainless Steel
7 = Teflon coat

ENTER DESCRIPTION EC NO: IPG2016-1289 DRWN:RSCHIEBER 2016/03/23 CHKD:THAERDT 2016/03/23 APPR:RSILLER 2016/03/24	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
			4 PLACES ± --- mm ± --- INCH	DRAWN BY APOHL	DATE 2011/08/22	TITLE CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE								
			3 PLACES ± --- mm ± --- INCH	CHECKED BY REISSNER	DATE 2012/01/16									
			2 PLACES ± 0.05 mm ± --- INCH	APPROVED BY CBURGER	DATE 2012/01/18	MATERIAL NO. SEE TABLE						DOCUMENT NO. SD-120086-001		SHEET NO. 2 OF 3
			1 PLACE ± 0.30 mm ± --- INCH	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	0 PLACE ± 0.50 mm ± --- INCH													

6 5 4 3 2 1

PART LIST:

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1200868263	403000E02M003	1200270082	403000I02M030	1200860482	403000P08M050	1200868207	404000H08M020	1200868172	405000E02M100
1200271417	403000E02M006	1200270083	403000I02M050	1200270791	403000P08M060	1200868060	404000H08M030	1200868395	405000H08M020
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1200271409	403000H08M010	1200868285	403000P02M030	1200868344	404000E02M080	1200868158	404000P02M100		
1200868209	403000H08M015	1200868286	403000P02M032	1200270131	404000E02M100	1200868355	404000P02M500		
1200868045	403000H08M020	1200868287	403000P02M035	1200868068	404000E02M100G	1200270150	404000P08M020		
1200271442	403000H08M020G	1200868288	403000P02M040	1200868345	404000E02M110	1200270649	404000P08M030		
1200868122	403000H08M030	1200868002	403000P02M050	1200270132	404000E02M150	1200270151	404000P08M050		
1200868101	403000H08M050	1200868289	403000P02M050G	1200868346	404000E02M170	1200270371	404000P08M100		
1200868115	403000H08M100	1200868290	403000P02M055	1200868074	404000E02M1K0G	1200868213	404000P82M005		
1200868116	403000H08M200	1200868291	403000P02M080	1200270133	404000E02M200	1200868232	404000P82M010		
1200270080	403000I02M003	1200868003	403000P02M100	1200868069	404000E02M200G	1200271042	404000P82M0207		
1200868269	403000I02M005	1200868292	403000P02M150	1200868347	404000E02M210	1200271305	404000P82M050		
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1200270081	403000I02M020	1200270087	403000P08M030	1200868071	404000E02M400G	1200868151	405000E02M040		

ENTER DESCRIPTION EC NO: IPG2016-1289 DRW:RSCHIEBER 2016/03/23 CHKD:THAEROT 2016/03/23 APPR:RS LILLER 2016/03/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	▼=0 ◻=0	mm	INCH	DRAWN BY APOHL	DATE 2011/08/22	TITLE CSE M8 XP XC FE STR XM SE UNSH NANO- CHANGE				
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY REISSNER	DATE 2012/01/16					
		2 PLACES ± 0.05 ± ---	1 PLACE ± 0.30 ± ---	APPROVED BY CBURGER	DATE 2012/01/18					
	0 PLACE ± 0.50 ± ---	ANGULAR ± 1 °		MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-120086-001		3 OF 3			
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									