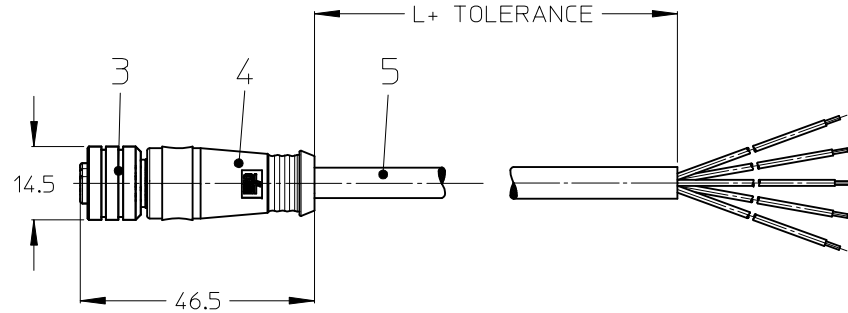
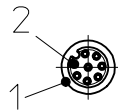


STRAIGHT PLUG FEMALE



NOTES:

TEMPERATURE RANGE	SEE TABLE ON PAGE 2
CONTACT CURRENT RATING	3-5 POLES 4A 8 POLES 2A
VOLTAGE RATING	3-4 POLES 250V 5 POLES 60V 8 POLES 30V
PROTECTION CLASS	IP 67

CABLE TOLERANCES

≤ 1m	+20/-10mm
1m - 5m	± 25mm
5m - 10m	± 30mm
> 10m	± 30mm
> 20m	± 50mm

3 WIRE	4 WIRE	5 WIRE	8 WIRE
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
REQUIRED TO IEC 60947-5-2		REQUIRED TO DIN 47100	

5	CABLE	SEE TABLE (PAGE 2)	---
4	OVERMOULDING	TPU	BLACK
3	MALE COUPLING NUT	BRASS	NI PLATED
2	PIN CONTACT	BRASS	GOLD PLATED
1	INSERT	PA	BLACK
ITEM	PART	MATERIAL	FINISH

ENTER DESCRIPTION		DESCRIPTION		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							MM ONLY		1:1	METRIC		
EC NO: IPG2014-0812 DRAWN:PMERUNKA CHKD:APOHL APPR:APOHL		2012/04/23 2013/11/15 2013/11/18		 =0  =0			DRAWN BY DATE		TITLE CSE M12 XP AC FE STR XM SE UNSH			
					4 PLACES ± --- ± ---		PMERUNKA 2012/04/23					
1		REV			3 PLACES ± --- ± ---		CHECKED BY DATE		molex			
					2 PLACES ± 0.05 ± ---		APOHL 2013/11/15					
					1 PLACE ± 0.10 ± ---		APPROVED BY DATE		SD-120065-050			
					0 PLACE ± --- ± ---		APOHL 2013/11/18					
					ANGULAR ± .5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-120065-050		1 OF 5	
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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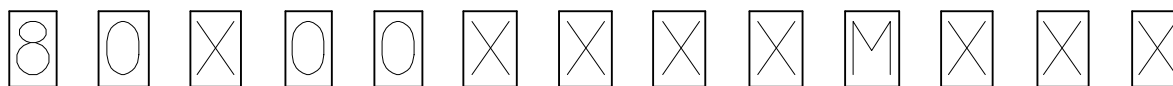
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1

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



80 = M12x1
single ended

poles:

3 = 3 poles
4 = 4 poles
5 = 5 poles
8 = 8 poles

header:

000 = plug female straight
001 = plug female 90° right
006 = plug male straight
007 = plug male 90° right

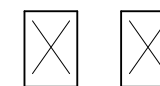
Cable:

E02 = 0,25mm², PVC black
E03 = 0,34mm², PVC black
H08 = 0,25mm², PUR black LS0H
H09 = 0,34mm², PUR black LS0H
I03 = 0,34mm², PVC grey
K05 = 0,34mm², TPE yellow
P02 = 0,25mm², PUR/PVC black
P03 = 0,34mm², PUR/PVC black
P82 = 0,34mm², PUR black irradiated
B30 = 0,34mm², TPE black

M = meter

length:
Example
020 = 2 m

Special Types:



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

y = yellow overmoulding
empty for black

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
E02	0.25mm²	PVC black	STYLE 2464	I/II A/B 80°/300V	-30°C to +80°C 5xD	-5°C to +80°C 9xD	---	---
E03	0.34mm²	PVC black	STYLE 2464	I/II A/B 80°/300V	-30°C to +80°C 5xD	-5°C to +80°C 9xD	---	---
H08	0.25mm²	PUR black LS0H	AWM STYLE 21198/10493	APPROVED	-50°C to +80°C 5xD	-25°C to +80°C 10xD	2000000 cycles	---
H09	0.34mm²	PUR black LS0H	AWM STYLE 21198/10493	APPROVED	-50°C to +80°C 5xD	-25°C to +80°C 10xD	drag chain 60°C	---
I03	0.34mm²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
K05	0.34mm²	TPE yellow	ITC E195601 or PLTC	AWM I/II A/B FT4 LL54185	---	---	---	CSA-US: ITC LL54185-02
P02	0.25mm²	PUR/PVC black	not applicable	not applicable	-30°C to +80°C 7xD	-5°C to +80°C 15xD	---	---
P03	0.34mm²	PUR/PVC black	not applicable	not applicable	-30°C to +80°C 7xD	-5°C to +80°C 15xD	---	---
P82	0.34mm²	irrad. PUR orange	---	---	-50°C to +105°C 5xD	-40°C to +105°C 7,5xD	---	---
B30	0.34mm²	PUR black	STYLE 21215	Yes	-40°C to +90°C 5xD	-25°C to +80°C 7,5xD	---	---

ENTER DESCRIPTION	REV
EC NO: IPG2014-0812 DRWN:PMERUNKA 2012/04/23 CHKD:APOHL 2013/11/15 APPR:APOHL 2013/11/18	1

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
0 PLACE	± ---	± ---
ANGULAR ± .5 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
PMERUNKA	2012/04/23
CHECKED BY	DATE
APOHL	2013/11/15
APPROVED BY	DATE
APOHL	2013/11/18
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A3	

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	10	9	8	7	6	5	4	3	2	1																																		
F											F																																	
E											E																																	
D											D																																	
C											C																																	
B											B																																	
A											A																																	
<table><tr><td rowspan="10">ENTER DESCRIPTION EC NO: PG2014-0812 1 DRWN:PMERUNKA CHKD:APOHL APPR:APOHL</td><td rowspan="10">DESCRIPTION REV</td><td rowspan="10">QUALITY SYMBOLS ▽=0 ◻=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE 1:1</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td rowspan="5">4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE</td><td rowspan="5">± --- ± --- ± 0.05 ± 0.10 ± ---</td><td rowspan="5">± --- ± --- ± --- ± --- ± ---</td><td>DRAWN BY PMERUNKA</td><td>DATE 2012/04/23</td><td rowspan="5">TITLE CSE M12 XP AC FE STR XM SE UNSH</td></tr><tr><td>CHECKED BY APOHL</td><td>DATE 2013/11/15</td></tr><tr><td>APPROVED BY APOHL</td><td>DATE 2013/11/18</td></tr><tr><td colspan="2">MATERIAL NO.</td></tr><tr><td colspan="2">SEE TABLE</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SIZE A3</td><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td>SHEET NO. 3 OF 5</td></tr></table>												ENTER DESCRIPTION EC NO: PG2014-0812 1 DRWN:PMERUNKA CHKD:APOHL APPR:APOHL	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	± --- ± --- ± 0.05 ± 0.10 ± ---	± --- ± --- ± --- ± --- ± ---	DRAWN BY PMERUNKA	DATE 2012/04/23	TITLE CSE M12 XP AC FE STR XM SE UNSH	CHECKED BY APOHL	DATE 2013/11/15	APPROVED BY APOHL	DATE 2013/11/18	MATERIAL NO.		SEE TABLE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO. 3 OF 5
ENTER DESCRIPTION EC NO: PG2014-0812 1 DRWN:PMERUNKA CHKD:APOHL APPR:APOHL	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																																			
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			<table><tr><td>fb_frame_A3_P_AM_T Rev E1 2012/01/25</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr></table>												fb_frame_A3_P_AM_T Rev E1 2012/01/25	9	8	7	6	5	4	3	2	1																				
			fb_frame_A3_P_AM_T Rev E1 2012/01/25	9	8	7	6	5	4	3	2				1																													

ENTER DESCRIPTION EC NO: IPG2014-0812 DRWN:PMERUNKA 2012/04/23 CHKD:APOHL 2013/11/15 APPR:APOHL 2013/11/18		DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY PMERUNKA	DATE 2012/04/23	TITLE CSE M12 XP AC FE STR XM SE UNSH			
1	REV			4 PLACES	± ---	± ---	CHECKED BY APOHL	DATE 2013/11/15	molex			
				3 PLACES	± ---	± ---	APPROVED BY APOHL	DATE 2013/11/18				
				2 PLACES	± 0.05	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				1 PLACE	± 0.10	± ---	SEE TABLE		SD-120065-050		3 OF 5	
				0 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				ANGULAR ± .5 °								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

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E

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1200650955	808000P02M080
1200650956	808000P02M0801
1200650957	808000P02M100
1200658021	808000P02M150
1200651817	808000P02M200
1200651818	808000P02M250
1200651820	808000P02M300
1200658103	808000P19M005
1200062765	808000P19M020
1200062675	808000P19M030
1200651796	808000P19M040
1200062676	808000P19M050
1200655074	808000P19M060
1200652019	808000P19M100
1200658104	808000P19M150
1200655040	80C000H45M020
1200655041	80C000H45M040
1200655042	80C000H45M050
1200655044	80C000H45M100
1200659119	803000I03M020Y
1200678393	8030P0I03M050Y
1200659054	803000E03M050Y
1200659055	803000E03M100Y
1200659064	803000I03M050Y
1200659073	803000I03M100Y
1200659123	804000P03M100HY
1200678387	8040P0I03M050Y
1200659058	804000E03M050Y
1200659059	804000E03M100Y
1200659060	804000I03M050Y
1200659065	804000I03M100Y
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1200659067	804000P82M1007Y
1200659075	804000I03M020Y

1200659076	804000S20M100Y
1200659087	804000P82M0207Y
1200659088	804000P03M050HY
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1200659097	804000H09M050Y
1200678365	8040P0E03M100Y
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1200659224	805006P03M200
1200659225	805006P03M300
1200659230	805007P03M010
1200659231	805007P03M200
1200652247	803000B30M010
1200652248	803000B30M020
1200652249	803000B30M050
1200652250	803000B30M100
1200652251	804000B30M010
1200652252	804000B30M020
1200652253	804000B30M050
1200652254	804000B30M100
1200652255	805000B30M010
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1200652257	805000B30M050
1200652258	805000B30M100

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ENTER DESCRIPTION EC NO: IPG2014-0812 DRWN:PMERUNKA 2012/04/23 CHKD:APOHL 2013/11/15 APPR:APOHL 2013/11/18 1			DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
						mm		INCH		DRAWN BY PMERUNKA		DATE 2012/04/23		TITLE CSE M12 XP AC FE STR XM SE UNSH molex		
						4 PLACES ± ---		± ---		CHECKED BY APOHL		DATE 2013/11/15				
						3 PLACES ± ---		± ---		APPROVED BY APOHL		DATE 2013/11/18				
2 PLACES ± 0.05		± ---		MATERIAL NO.		DOCUMENT NO.		SD-120065-050			SHEET NO.					
1 PLACE ± 0.10		± ---		SEE TABLE		5 OF 5										
0 PLACE ± ---		± ---		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
ANGULAR ± .5 °																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<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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