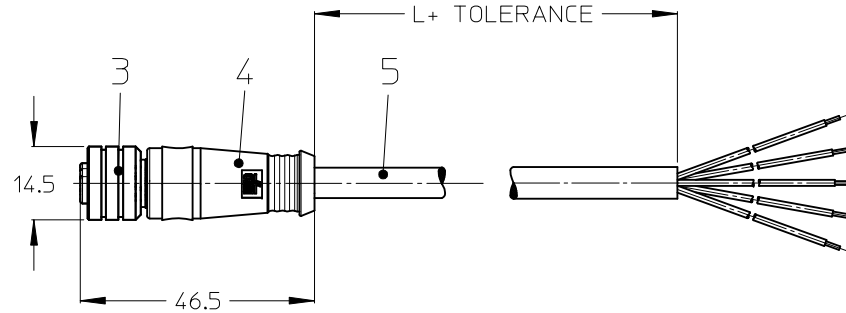
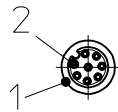


STRAIGHT PLUG FEMALE



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 1 BROWN 2 - 3 BLUE 4 BLACK 5 -	PIN # WIRE 1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 -	PIN # WIRE 1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY	PIN # WIRE 1 WHITE 2 BROWN 3 GREEN 4 YELLOW 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 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			
				4 PLACES ± ---	± ---	CHECKED BY APOHL	DATE 2013/11/15				
				3 PLACES ± ---	± ---	APPROVED BY APOHL	DATE 2013/11/18	molex			
				2 PLACES ± 0.05	± ---	MATERIAL NO. SEE TABLE					
1 PLACE ± 0.10	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
0 PLACE ± ---	± ---										
1		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3					

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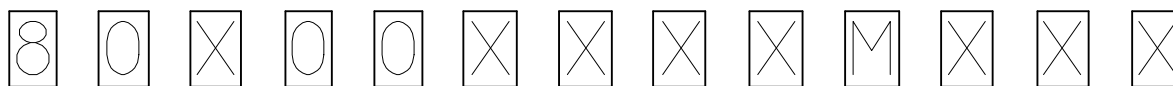
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NUMERICAL CODE (Available parts see table page 3 ff others on request.)



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

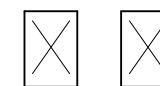
Cable:

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
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	1:1	METRIC	
DRAWN BY DATE	CHECKED BY DATE	APPROVED BY DATE	MATERIAL NO.
PMERUNKA 2012/04/23	APPOHL 2013/11/15	APPOHL 2013/11/18	SEE TABLE

TITLE	DOCUMENT NO.	SHEET NO.
CSE M12 XP AC FE STR XM SE UNSH	SD-120065-050	2 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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	10	9	8	7	6	5	4	3	2	1		
F											F	
	1200060107 1200060027 1200658562 1200060001 1200658219 1200658887 1200061958 1200060113 1200658563 1200060002 1200060115 1200060116 1200658889 1200062071 1200060003 1200658350 1200060117 1200060119 1200060121 1200060124 1200658636 1200658637 1200658175 1200658638 1200658639 1200658176 1200658177 1200062852 1200060145 1200658593 1200060030 1200060148 1200061559 1200651108 1200651109	803000E03M003 803000E03M006 803000E03M010 803000E03M020 803000E03M0201 803000E03M020H 803000E03M021 803000E03M030 803000E03M040 803000E03M050 803000E03M0501 803000E03M0505 803000E03M050H 803000E03M060 803000E03M100 803000E03M1001 803000E03M1005 803000E03M150 803000E03M200 803000E03M2505 803000H09M010 803000H09M015 803000H09M020 803000H09M030 803000H09M040 803000H09M050 803000H09M100 803000I03M015 803000I03M020 803000I03M040 803000I03M050 803000I03M100 803000I20M100 803000K05M020 803000K05M040	1200651110 1200651111 1200651112 1200061765 1200062098 1200060152 1200060004 1200010768 1200060153 1200065012 1200064093 1200658610 1200060005 1200651769 1200063687 1200651770 1200063415 1200060006 1200063673 1200062811 1200060157 1200060158 1200062772 1200062754 1200062454 1200064073 1200064256 1200061240 1200659040 1200659038 1200658266 1200658983 1200063224 1200060032 1200060426	803000K05M050 803000K05M060 803000K05M100 803000P03M002 803000P03M006 803000P03M010 803000P03M020 803000P03M020X 803000P03M030 803000P03M030G 803000P03M032 803000P03M040 803000P03M050 803000P03M050G 803000P03M050GQ 803000P03M0707 803000P03M100 803000P03M1001 803000P03M100H 803000P03M150 803000P03M200 803000P03M250 803000P82M004 803000P82M0067 803000P82M010 803000P82M020 803000P82M050 804000E02M050 804000E02M100 804000E03C550 804000E03M002 804000E03M003 804000E03M005 804000E03M010	1200060014 1200060427 1200061337 1200658894 1200062866 1200060428 1200063443 1200658570 1200060015 1200060429 1200060430 1200658288 1200062130 1200658782 1200658896 1200060016 1200063407 1200658270 1200658882 1200064422 1200060431 1200658475 1200062264 1200060432 1200063647 1200062992 1200061528 1200061913 1200658228 1200658891 1200658640 1200658550 1200658178 1200658907 1200658473	804000E03M020 804000E03M0201 804000E03M0205 804000E03M020G 804000E03M020H 804000E03M030 804000E03M030H 804000E03M040 804000E03M050 804000E03M0501 804000E03M0505 804000E03M050G 804000E03M050H 804000E03M060 804000E03M075 804000E03M100 804000E03M1001 804000E03M1005 804000E03M100H 804000E03M120 804000E03M150 804000E03M1501 804000E03M1505 804000E03M200 804000E03M2001 804000E03M200H 804000E03M250 804000E03M300 804000E03M3001 804000H09M003 804000H09M010 804000H09M015 804000H09M020 804000H09M020H 804000H09M030	1200658641 1200658179 1200064434 1200658008 1200658190 1200064435 1200658009 1200658191 1200658218 1200658880 1200065006 1200061680 1200658242 1200062141 1200658599 1200658701 1200060452 1200658702 1200060454 1200658703 1200658600 1200658704 1200060017 1200658705 1200063205 1200064230 1200060033 1200061970 1200658706 1200061955 1200061956 1200061957 1200063562 1200064164 1200658221	804000H09M040 804000H09M050 804000H09M050G 804000H09M050H 804000H09M100 804000H09M100G 804000H09M100H 804000H09M150 804000H09M150G 804000H09M200 804000H09M250G 804000H69M050 804000H69M300 804000I03M003 804000I03M010 804000I03M010G 804000I03M020 804000I03M020G 804000I03M030 804000I03M030G 804000I03M040 804000I03M040G 804000I03M050 804000I03M050G 804000I03M060 804000I03M080 804000I03M100 804000I03M100A 804000I03M100G 804000I03M200A 804000I03M300A 804000I03M400A 804000I04M030G 804000I20M020 804000I20M050	1200064161 1200658543 1200652022 1200651287 1200651288 1200650886 1200651290 1200651291 1200651292 1200650887 1200651293 1200651295 1200650888 1200651296 1200651297 1200651298 1200651299 1200651300 1200650889 1200651302 1200651303 1200651304 1200651120 1200651121 1200651122 1200651123 1200651124 1200651125 1200651126 1200651127 1200651306 1200658609 1200658927 1200063402 1200010061	804000I20M100 804000I20M150 804000K03M006 804000K03M010 804000K03M020 804000K03M0208 804000K03M030 804000K03M040 804000K03M0402 804000K03M0408 804000K03M050 804000K03M0502 804000K03M0508 804000K03M060 804000K03M0602 804000K03M070 804000K03M080 804000K03M100 804000K03M1008 804000K03M120 804000K03M150 804000K03M200 804000K05M010 804000K05M020 804000K05M030 804000K05M040 804000K05M050 804000K05M060 804000K05M100 804000K05M200 804000K05M300 804000P02M020 804000P02M050 804000P03M003 804000P03M003W		
E											E	
D											D	
C											C	
B											B	
A											A	

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

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E

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C

B

A

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E

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A

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
1200659066	804000P82M0507Y
1200659067	804000P82M1007Y
1200659075	804000I03M020Y

1200659076	804000S20M100Y
1200659087	804000P82M0207Y
1200659088	804000P03M050HY
1200698319	804S00P20M050Y
1200659097	804000H09M050Y
1200678365	8040P0E03M100Y
1200659116	805000I26M050Y
1200659082	805000E03M100Y
1200659085	805000I03M050Y
1200659090	805000I26M100Y
1200659092	808000P02M050Y
1200659100	808000E02M050Y
1200659102	808000H08M100Y
1200659103	808000E02M100Y
1200659106	808000E02M150Y
1200659107	808000H08M150Y
1200659214	805000P03M300
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
1200652256	805000B30M020
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 REV 1	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE CSE M12 XP AC FE STR XM SE UNSH molex SD-120065-050
				mm	INCH	DRAWN BY PMERUNKA	DATE 2012/04/23				
			4 PLACES	± ---	± ---	CHECKED BY APOHL	DATE 2013/11/15				
			3 PLACES	± ---	± ---	APPROVED BY APOHL	DATE 2013/11/18				
			2 PLACES	± 0.05	± ---			MATERIAL NO.			
			1 PLACE	± 0.10	± ---	SEE TABLE		DOCUMENT NO.			
			0 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 5 OF 5			
			ANGULAR ± .5 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

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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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