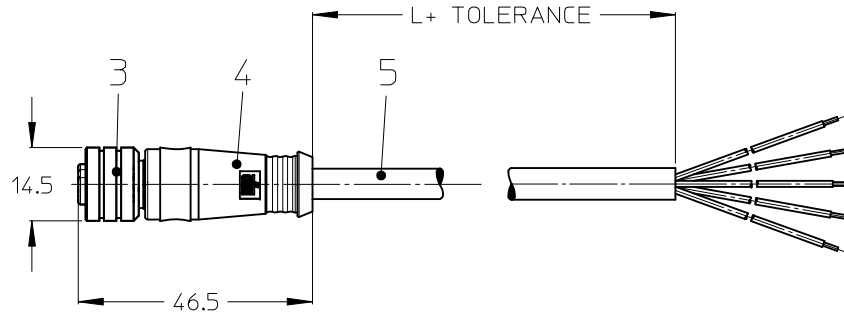
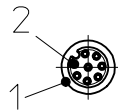


STRAIGHT PLUG FEMALE



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 2 - 3 BLUE 4 BLACK 5 -	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 -	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY	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

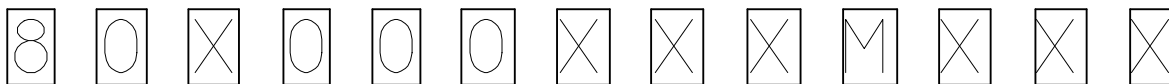
5	CABLE	SEE TABLE (PAGE 2)	---
4	OVERMOULDING	TPU	BLACK
3	MALE COUPLING NUT	BRASS	NI PLATED
2	PIN CONTACT	BRASS	GOLD PLATED
1	INSERT	PA	BLACK
ITEM	PART	MATERIAL	FINISH

ENTER DESCRIPTION EC NO: IPG2015-1151 DRWN:ZISMAYILOV 2014/12/17 CHKD:JULETENNER2014/12/18 APPR:CBURGER 2014/12/18	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 ± 0.05 ± --- 1 PLACE ± 0.10 ± --- 0 PLACE ± --- ± ---		DRAWN BY DATE PMERUNKA 2012/04/23		TITLE CSE M12 XP AC FE STR XM SE UNSH			
		ANGULAR ± .5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY DATE APOHL 2013/11/15		APPROVED BY DATE APOHL 2013/11/18			
		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-120065-050		SHEET NO. 1 OF 4			



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

Cable:
E02 = 0,25mm², PVC black
E03 = 0,34mm², PVC black
H08 = 0,25mm², PUR black LSOH
H09 = 0,34mm², PUR black LSOH
P02 = 0,25mm², PUR/PVC black
P03 = 0,34mm², PUR/PVC black
P82 = 0,34mm², PUR black irradiated
P12 = 0,50mm², PVC black
P04 = 0,50mm², PVC black

M = meter
C = centimeter

length:
Example
020 = 2 m

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
E02	0.25mm ²	PVC black	STYLE 2464	I/II A/B 80°/300V	-30°C to +80°C 5xD	-5°C to +80°C 9xD	---	---
E03	0.34mm ²	PVC black	STYLE 2464	I/II A/B 80°/300V	-30°C to +80°C 5xD	-5°C to +80°C 9xD	---	---
H08	0.25mm ²	PUR black LSOH	AWM STYLE 21198/10493	APPROVED	-50°C to +80°C 5xD	-25°C to +80°C 10xD	2000000 cycles	---
H09	0.34mm ²	PUR black LSOH	AWM STYLE 21198/10493	APPROVED	-50°C to +80°C 5xD	-25°C to +80°C 10xD	drag chain 60°C	---
I03	0.34mm ²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
K05	0.34mm ²	TPE yellow	ITC E195601 or PLTC	AWM I/II A/B FT4 LL54185	---	---	---	CSA-US: ITC LL54185-02
P02	0.25mm ²	PUR/PVC black	not applicable	not applicable	-30°C to +80°C 7xD	-5°C to +80°C 15xD	---	---
P03	0.34mm ²	PUR/PVC black	not applicable	not applicable	-30°C to +80°C 7xD	-5°C to +80°C 15xD	---	---
P82	0.34mm ²	irrad. PUR orange	---	---	-50°C to +105°C 5xD	-40°C to +105°C 7.5xD	---	---
I20	0.34mm ²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
I04	0.50mm ²	PVC grey	---	---	-30°C to +70°C	-5°C to +70°C	---	---
P12	0.50mm ²	PVC black	---	---	-30°C to +90°C	-5°C to +90°C	---	---
I26	0.34mm ²	PVC grey	not applicable	not applicable	-30°C to +70°C	-5°C to +70°C	---	---
P04	0.50mm ²	PVC black	---	---	-30°C to +90°C	-5°C to +90°C	---	---

ENTER DESCRIPTION EC NO: IPG2015-1151 DRWINZI SMAYILOV 2014/12/17 CHYKOJULETENNER 2014/12/18 APPR: CBURGER 2014/12/18	REV DESCRIPTION	QUALITY SYMBOLS ▽=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	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE CSE M12 XP AC FE STR XM SE UNSH	
					MATERIAL NO. SEE TABLE	molex			
					DOCUMENT NO. SD-120065-050			SHEET NO. 2 OF 4	
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

