

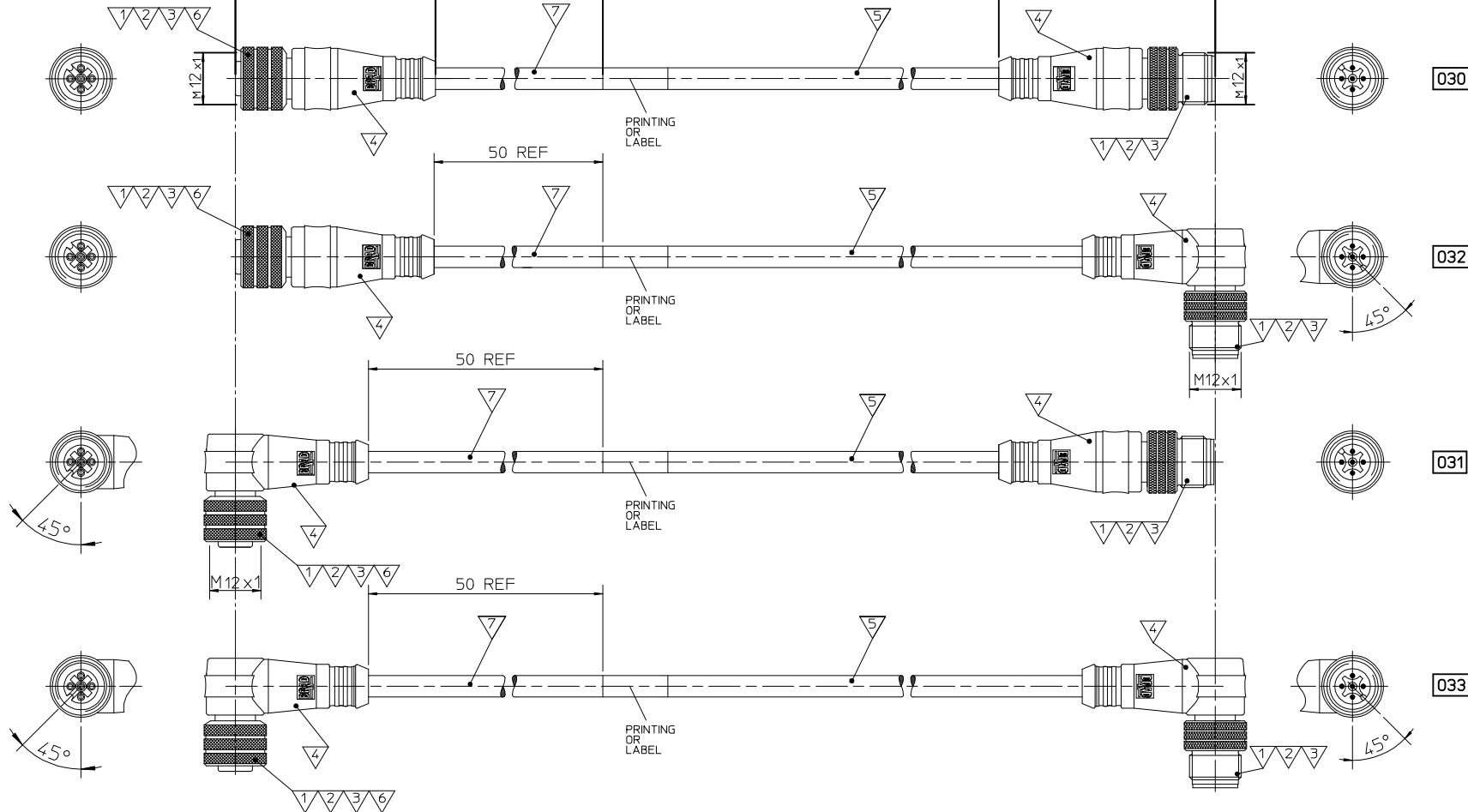
S1

FEMALE SIDES  
FACE VIEWS

FINISHED LENGTH (SEE TABLE)

MALE SIDES  
FACE VIEWS

S2



## CONNECTOR SPECIFICATION:

VOLTAGE RATING	3+4P 250 VAC/VDC / 5P/60V
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-25°C TO 80°C

6	O-RING	VITON	RED
5	CABLE	SEE TABLE	---
4	OVERMOULDING	TPU UF NATURAL C98A10	---
4	OVERMOULDING	MASTERBATCH COLORANT	---
3	COUPLING NUT	SEE SPECIAL TYPES	---
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	PART	MATERIAL	FINISH

ORIGINAL RELEASE

EC NO: IPG2013-1021

2012/11/22

DRWN:HWALCZAK

2013/01/14

CHKD:JMARSZALEK

2013/01/15

APPR:MIWASIECZKO

2013/01/15

QUALITY  
SYMBOLS▽=0  
C=0

DESCRIPTION

REV

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 DIMENSIONSDIMENSION STYLE  
MM ONLY

DRAWN BY	DATE
HWALCZAK	2012/11/22
CHECKED BY	DATE
JMARSZALEK	2013/01/14
APPROVED BY	DATE
MIWASIECZKO	2013/01/15

MATERIAL NO.  
SEE CHARTSIZE  
A3

SCALE

DESIGN UNITS

METRIC

FIRST ANGLE  
PROJECTIONCSE M12 XP AC FE MA  
XM DE

molex

DOCUMENT NO.

SD-120066-001

SHEET NO.

1 OF 6

10

9

8

7

6

5

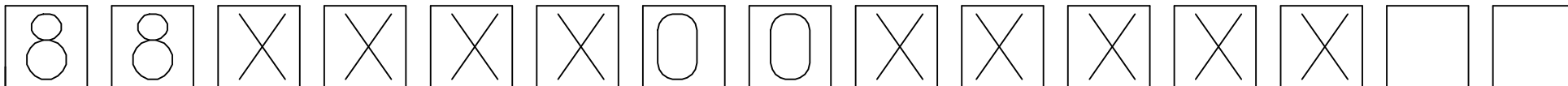
4

3

2

1

SPECIAL TYPES



Thread M12x1 double ended

POLES

3- INSERT 3 POLES  
4- INSERT 4 POLES  
5- INSERT 5 POLES

HEAD TYPE

030 Plugs female and male straight  
031 Plugs female 90° and male straight  
032 Plugs female straight and male 90°  
033 Plugs female and male 90°

CABLE TYPES

E02 = 0,25mm², PVC black  
E03 = 0,34mm², PVC black  
E13 = 0,75mm², PVC yellow  
E52 = 0,34mm², PVC grey (RAL7001)  
E57 = 0,34mm², PVC grey (RAL7001)  
H09 = 0,34mm², PUR black  
H69 = 0,2mm², PUR grey LSOH SCR  
I02 = 0,25mm², PVC grey CEI  
I03 = 0,34mm², PVC grey CEI  
I20 = 0,34mm², PVC grey CEI SCR DC  
I26 = 0,34mm², PVC grey CEI SCR AC  
P02 = 0,25mm², PUR/PVC black  
P03 = 0,34mm², PUR/PVC black  
P08 = 0,25mm², PUR yellow HIFLEX  
P20 = 0,34mm², PUR black LSOH braid  
P82 = 0,34mm², PUR orange irradiated DC  
S20 = 0,34mm², PVC yellow SJTO braid  
S26 = 0,34mm², PVC yellow SJTO braid AC

LENGTH UNIT

C-cm  
M-m  
K-km  
F-feet

LENGTH  
Example:  
020 - 2M  
060 - 6M  
100 - 10M

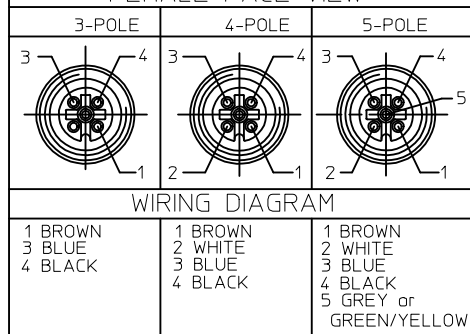
COUPLING NUT

blank and 3-standard (BRASS)  
1 - STAINLESS STEEL  
5 - DELRIN  
7 - TEFLON COAT

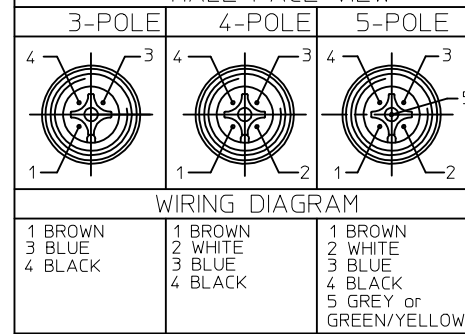
PLUG MATERIAL

blank-standard (BLACK)  
A-GREY  
Y-YELLOW  
H-standard with ID carrier

## FEMALE FACE VIEW



## MALE FACE VIEW



Tablica tolerancji długości  
Table of length tolerances

Powyżej Over	Do-włącznie Up to and including	Tolerancja (+/-) Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% długości of length

ORIGINAL RELEASE

EC NO: IPG2013-1021

DRWN:HWALCZAK 2012/11/22

CHKD:JMARSZALEK 2013/01/14

APPR:MIWASIECZKO 2013/01/15

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
HWALCZAK	2012/11/22
CHECKED BY	DATE
JMARSZALEK	2013/01/14
APPROVED BY	DATE
MIWASIECZKO	2013/01/15

MATERIAL NO.

SEE CHART

SIZE  
A3THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

DESIGN UNITS

METRIC

FIRST ANGLE  
PROJECTION

TITLE

CSE M12 XP AC FE MA  
XM DE

molex

DOCUMENT NO.

SD-120066-001

SHEET NO.

2 OF 6

9

8

7

6

5

4

3

2

1

	10	9	8	7	6	5	4	3	2	1						
F	1200072580 1200668662 1200070081 1200070083 1200070085 1200070086 1200071006 1200070088 1200668370 1200070091 1200070092 1200070093 1200668208 1200071343 1200070956 1200668373 1200668374 1200668197 1200668375 1200668376 1200668198 1200668377 1200070095 1200070096 1200070097 1200070098 1200668632 1200070099 1200668696 1200668633 1200668371 1200070100 1200668697 1200668634 1200070101	883030A51M006 883030E02M006 883030E03M006 883030E03M010 883030E03M020 883030E03M0205 883030E03M020H 883030E03M030 883030E03M040 883030E03M050 883030E03M0505 883030E03M100 883030E03M150 883030E52M003A 883030E52M020A 883030H09M006 883030H09M010 883030H09M020 883030H09M030 883030H09M040 883030H09M050 883030H09M100 883030I03M003 883030I03M006 883030I03M010 883030I03M020 883030I03M020Y 883030I03M030 883030I03M030A 883030I03M030Y 883030I03M040 883030I03M050 883030I03M050A 883030I03M050Y 883030I03M100	1200668698 1200668699 1200070102 1200668045 1200070104 1200070104 1200660498 1200071123 1200668691 1200660500 1200071131 1200071114 1200668690 1200660501 1200660501 1200071122 1200668646 1200072104 1200660502 1200071047 1200071288 1200070105 1200071273 1200072658 1200071053 1200071666 1200071666 1200071127 1200070972 1200668310 1200070110 1200070111 1200668172 1200072390 1200668661	883030I03M100A 883030I03M200A 883030P03M003 883030P03M005 883030P03M006 883030P03M006 883030P03M010 883030P03M010H 883030P03M010YH 883030P03M020 883030P03M0201 883030P03M020H 883030P03M020YH 883030P03M030 883030P03M030 883030P03M030H 883030P03M030HY 883030P03M040 883030P03M050 883030P03M050H 883030P03M060 883030P03M100 883030P03M100H 883030P03M120 883030P03M150 883030P08M100 883030P08M100 883030P09M006 883030P09M020 883030S20M005 883030S20M010 883030S20M020 883030S20M050 884030A51M0031 884030E02M0031	1200070470 1200665009 1200668672 1200070472 1200070473 1200668062 1200071594 1200070474 1200071703 1200071774 1200070475 1200072092 1200060049 1200072744 1200071707 1200072172 1200071596 1200070476 1200071881 1200072544 1200071715 1200071793 1200071199 1200071026 1200661434 1200071624 1200661472 1200070867 1200070653 1200668378 1200668548 1200668379 1200668549 1200668234 1200668486	884030E03M003 884030E03M005 884030E03M0051 884030E03M006 884030E03M010 884030E03M010H 884030E03M015 884030E03M020 884030E03M0205 884030E03M020H 884030E03M030 884030E03M040 884030E03M050 884030E03M0501 884030E03M0505 884030E03M050H 884030E03M060 884030E03M100 884030E03M1005 884030E03M120 884030E03M150 884030E03M1501 884030E03M200 884030E52M010A 884030E52M020A 884030E52M030A 884030E52M050A 884030E52M100A 884030E52M200A 884030H09M006 884030H09M006H 884030H09M010 884030H09M010H 884030H09M020 884030H09M023	1200668174 1200668380 1200668244 1200668550 1200668381 1200070774 1200070480 1200070481 1200071627 1200668637 1200070785 1200668372 1200070483 1200070484 1200070485 1200668638 1200071338 1200070486 1200070486 1200668687 1200070487 1200070487 1200070488 1200070488 1200070488 1200072762 1200072649 1200668384 1200060050 1200060050 1200070489 1200070489 1200072763 1200060051 1200060051 1200072764	884030H09M030 884030H09M040 884030H09M050 884030H09M050H 884030H09M100 884030I03M006 884030I03M010 884030I03M020 884030I03M0205 884030I03M020Y 884030I03M030 884030I03M040 884030I03M050 884030I03M060 884030I03M100 884030I03M100Y 884030I20M030 884030P03M003 884030P03M003 884030P03M005 884030P03M006 884030P03M006 884030P03M010 884030P03M010 884030P03M0101 884030P03M0105 884030P03M010H 884030P03M015 884030P03M015 884030P03M020 884030P03M020 884030P03M0201 884030P03M030 884030P03M030 884030P03M0301	1200072803 1200072803 1200070490 1200070490 1200072650 1200072010 1200072804 1200072804 1200071029 1200071029 1200665031 1200072105 1200072105 1200665370 1200658808 1200071412 1200071412 1200072047 1200668505 1200668506 1200668507 1200668508 1200071501 1200071067 1200070494 1200071162 1200071162 1200071066 1200668643 1200070798 1200668349 1200071068 1200668644 1200071582 1200071069	884030P03M040 884030P03M040 884030P03M050 884030P03M050 884030P03M0505 884030P03M050H 884030P03M060 884030P03M060 884030P03M100 884030P03M100 884030P03M100H 884030P03M200 884030P03M200 884030P03M205G 884030P04M100 884030P08M010 884030P08M010 884030P09M0201 884030P20M010 884030P20M020 884030P20M050 884030P20M100 884030P82M003 884030P82M0037 884030P82M005 884030P82M006 884030P82M006 884030P82M0067 884030P82M0067Y 884030P82M010 884030P82M0101 884030P82M0107 884030P82M0107Y 884030P82M015 884030P82M0157	F	E	D	C	B	A
	10	9	8	7	6	5	4	3	2	1						
	fb_frame_A3_P_ME_F Rev E1 2012/01/25	9	8	7	6	5	4	3	2	1						

ORIGINAL RELEASE

EC NO: IPG2013-1021

2012/11/22

DRWN:HWALCZAK

2013/01/14

CHKD:JMARSZALEK

2013/01/15

APPR:MIWASIECZKO

2013/01/15

QUALITY SYMBOLS

▽=0

▽=0

DESCRIPTION

REV

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

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE CHART

SIZE

A3

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

SCALE

DESIGN UNITS

METRIC

FIRST ANGLE PROJECTION

TITLE

CSE M12 XP AC FE MA XM DE

DOCUMENT NO.

SD-120066-001

SHEET NO.

3 OF 6

	10	9	8	7	6	5	4	3	2	1	
F	1200070799 1200072601 1200071088 1200668645 1200071580 1200071647 1200071428 1200071254 1200668067 1200668187 1200668391 1200668391 1200718014 1200658167 1200070937 1200668517 1200071272 1200071237 1200071178 1200668068 1200071035 1200071238 1200070499 1200071141 1200070500 1200071137 1200071264 1200070502 1200071188 1200070023 1200070504 1200071161 1200668294 1200668294 1200072353	884030P82M020 884030P82M0201 884030P82M0207 884030P82M0207Y 884030P82M030 884030P82M0307 884030P82M0407 884030P82M050 884030P82M0507 884030P82M050H 884030P82M060 884030P82M060 884030P82M0607 884030P82M080 884030P82M100 884030P82M1007 884030S20M005 884030S20M005H 884030S20M006H 884030S20M010 884030S20M010H 884030S20M015H 884030S20M020 884030S20M020H 884030S20M030 884030S20M030H 884030S20M040H 884030S20M050 884030S20M050H 884030S20M060H 884030S20M100 884030S20M100H 885030A51M010 885030A51M010 885030A51M020	1200072341 1200072341 1200072342 1200668664 1200668657 1200668609 1200668708 1200668656 1200071500 1200668338 1200070906 1200668530 1200070970 1200668528 1200070586 1200072081 1200071948 1200070969 1200072697 1200668652 1200071583 1200668347 1200668674 1200668487 1200668521 1200668081 1200665054 1200665054 1200668509 1200668497 1200668500 1200668510 1200668501 1200668502 1200668511	885030A51M050 885030A51M050 885030A51M100 885030E02M010 885030E02M020 885030E02M050 885030E02M050Y 885030E02M100 885030E03M005 885030E03M006 885030E03M010 885030E03M010H 885030E03M020 885030E03M020H 885030E03M030 885030E03M035 885030E03M040 885030E03M050 885030E03M060 885030E03M070 885030E03M150 885030E03M200 885030E03M250 885030E57M100A 885030E85M200 885030E85M200 885030H09M006 885030H09M010 885030H09M020 885030H09M030 885030H09M050 885030H09M092 885030H09M100	1200668683 1200668684 1200070961 1200668642 1200668165 1200072106 1200668082 1200070890 1200668639 1200072359 1200070891 1200668640 1200668281 1200070892 1200668641 1200071279 1200668083 1200071947 1200668084 1200070596 1200668602 1200668086 1200071408 1200668163 1200071049 1200073049 1200668088 1200071284 1200072656 1200668238 1200072427 1200665012 1200070597 1200668090 1200060048	885030H09M150 885030H09M200 885030I03M030 885030I03M030Y 885030I03M100 885030I26M005 885030I26M006 885030I26M010 885030I26M010Y 885030I26M015 885030I26M020 885030I26M020Y 885030I26M025 885030I26M030 885030I26M030Y 885030I26M050 885030P03M005 885030P03M007 885030P03M010 885030P03M020 885030P03M020G 885030P03M0283 885030P03M030 885030P03M040 885030P03M050 885030P03M0501 885030P03M070 885030P03M100 885030P03M120 885030P03M200 885030P09M050 885030P82M030 885030S26M010 885030S26M020H 883031A51M050	1200060048 1200060052 1200060053 1200060054 1200060055 1200060056 1200060056 1200060057 1200060057 1200070118 1200070119 1200070121 1200070123 1200070125 1200070127 1200070132 1200070133 1200070134 1200070136 1200070137 1200070138 1200070140 1200070141 1200070142 1200070143 1200070144 1200070145 1200070146 1200070149 1200070152 1200070153 1200070156 1200070507 1200070508 1200070509	883031A51M050 884031I20M005 884031I20M010 884031I20M015 884031I20M020 884031P03M010 884031P03M010 884031P03M020 884031P03M020 883031E03M006 883031E03M010 883031E03M020 883031E03M030 883031E03M050 883031I03M003 883031I03M006 883031I03M010 883031I03M020 883031I03M030 883031I03M050 883031P03M003 883031P03M006 883031P03M010 883031P03M020 883031P03M030 883031P03M100 883031P09M020 883031S20M010 883031S20M020 883031S20M050 884031E03M003 884031E03M006 884031E03M010	1200070511 1200070512 1200070522 1200070523 1200070526 1200070526 1200070527 1200070527 1200070529 1200070529 1200070534 1200070651 1200070768 1200070783 1200070904 1200070917 1200070919 1200070945 1200071010 1200071096 1200071121 1200071138 1200071139 1200071143 1200071144 1200071157 1200071164 1200071179 1200071183 1200071187 1200071187 1200071189 1200071200 1200071236 1200071278	884031E03M020 884031E03M030 884031I03M020 884031I03M030 884031P03M003 884031P03M003 884031P03M006 884031P03M006 884031P03M030 884031P03M030 884031S20M030 884031I03M006 884031S20M050 884031S20M100H 884031E03M050 885031P03M020 885031P03M030 883031E03M015 884031P82M100 884031P82M0037 883031P03M010H 884031S20M010H 884031S20M020H 884031P82M0107 884031P82M0207 884031E03M060 884031S20M003H 884031S20M006H 884031S20M030H 884031P03M050 884031P03M050 884031S20M050H 884031S20M015H 884031S20M005H 884031E03M100	F
E											E
D											D
C											C
B											B
A	<div> <div> <div>ORIGINAL RELEASE</div> <div>EC NO: IPG2013-1021</div> <div>DRWN:HWALCZAK 2012/11/22</div> <div>CHKD:JMARSZALEK 2013/01/14</div> <div>APPR:MIWASIECZKO 2013/01/15</div> </div> <div> <div>QUALITY SYMBOLS</div> <div> <div>▽=0</div> <div>◻=0</div> </div> </div> <div> <div>DESCRIPTION</div> <div>REV</div> </div> <div> <div>A</div> </div> </div>	9	8	7	6	5	4	3	2	1	A

<div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div> <table> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.05</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.10</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.05	± ---	1 PLACE	± 0.10	± ---	0 PLACE	± ---	± ---	<div>DIMENSION STYLE</div> <div>MM ONLY</div>	<div>SCALE</div> <div>METRIC</div>	<div>DESIGN UNITS</div> <div>METRIC</div>	<div>FIRST ANGLE PROJECTION</div>
		mm	INCH																			
	4 PLACES	± ---	± ---																			
	3 PLACES	± ---	± ---																			
2 PLACES	± 0.05	± ---																				
1 PLACE	± 0.10	± ---																				
0 PLACE	± ---	± ---																				
<div>ANGULAR ± .5 °</div>	<div>DRAWN BY</div> <div>HWALCZAK</div> <div>DATE</div> <div>2012/11/22</div>	<div>TITLE</div> <div>CSE M12 XP AC FE MA XM DE</div>																				
<div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div>	<div>CHECKED BY</div> <div>JMARSZALEK</div> <div>DATE</div> <div>2013/01/14</div>																					
	<div>APPROVED BY</div> <div>MIWASIECZKO</div> <div>DATE</div> <div>2013/01/15</div>																					
	<div>MATERIAL NO.</div> <div>SEE CHART</div>	<div>DOCUMENT NO.</div> <div>SD-120066-001</div>	<div>SHEET NO.</div> <div>4 OF 6</div>																			
	<div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div>																					

	10	9	8	7	6	5	4	3	2	1						
F	1200071280 1200071318 1200071341 1200071493 1200071575 1200071575 1200071576 1200071577 1200071578 1200071579 1200071581 1200071617 1200071832 1200071833 1200071893 1200071994 1200072011 1200072012 1200072012 1200072030 1200072164 1200072187 1200072220 1200072220 1200072221 1200072221 1200072354 1200072355 1200072355 1200072356 1200072365 1200072376 1200072445 1200072447 1200072447	884031S20M040H 884031P82M0067 884031I20M030 883031P82M050 884031P82M006 884031P82M006 884031P82M010 884031P82M015 884031P82M030 884031P82M050 884031P82M020 883031P09M0205 884031I20M050 884031I20M100 884031S20M100 885031P82M030 884031E03M200 884031P03M100 884031P03M100 884031P09M010 883031E03M040 883031P09M0505 883031A51M020 883031A51M020 883031A51M100 883031A51M100 885031A51M020 885031A51M050 885031A51M050 885031A51M100 884031E03M1501 885031P03M0105 883031E03M020H 883031A51M030 883031A51M030	1200072696 1200072725 1200072726 1200072772 1200072772 1200072779 1200658762 1200658763 1200658764 1200658765 1200658766 1200658767 1200658768 1200659035 1200659070 1200659071 1200659072 1200659115 1200660383 1200665007 1200665037 1200665039 1200665053 1200668052 1200668071 1200668091 1200668175 1200668188 1200668189 1200668191 1200668212 1200668215 1200668221 1200668237 1200668247	883031S20M010H 885031I26M005 885031I26M010 884031H03M009 884031H03M009 884031P09M0405 883031H09M006 883031H09M010 883031H09M020 883031H09M030 883031H09M040 883031H09M050 883031H09M100 883031E02M050 884031I20M010Y 884031I20M015Y 884031I20M020Y 884031I20M005Y 884031S20M010 884031P82M0157 883031P09M015 884031S20M003 884031S20M060H 883031S20M006 884031S20M020 885031P03M025 883031E03M060 885031P03M010 885031E03M010 883031S20M030 884031H09M020 884031H09M030 884031P82M040 883031S20M100 884031P82M005	1200668258 1200668259 1200668273 1200668278 1200668279 1200668287 1200668324 1200668325 1200668326 1200668339 1200668340 1200668348 1200668361 1200668392 1200668484 1200668488 1200668496 1200668512 1200668513 1200668514 1200668515 1200668516 1200668520 1200668531 1200668532 1200668608 1200668610 1200668612 1200668613 1200668635 1200668636 1200668647 1200668653 1200668658 1200668660	883031I03M080 884031I20M003 885031P03M050 885031E03M020 885031E03M050 884031I20M025 883031P03M010G 883031P03M020G 883031P03M030G 885031E03M006 885031E03M030 885031E03M100 884031E03M015 884031P82M060 884031H09M010 884031H09M015 885031H09M010 885031H09M006 885031H09M020 885031H09M030 885031H09M050 885031H09M100 883031P03M070 884031P82M0507 884031P82M1007 883031E02M020 885031E02M050 883031E02M100 883031E02M030 883031E03M010Y 883031E03M020Y 884031P82M0067Y 885031E03M070 885031E02M020 885031E02M100	1200668666 1200668667 1200668669 1200668670 1200668671 1200070026 1200070158 1200070159 1200070160 1200070161 1200070166 1200070171 1200070172 1200070173 1200070174 1200070184 1200070185 1200070547 1200070841 1200070907 1200070914 1200071014 1200071271 1200071277 1200071407 1200071519 1200071520 1200072163 1200072213 1200072294 1200072378 1200072424 1200072577 1200072705 1200072738	884031P82M0107Y 884031I20M030Y 884031H09M006 884031H09M050 884031H09M100 884032P03M020 883032E03M003 883032E03M006 883032E03M010 883032E03M020 883032I03M006 883032P03M006 883032P03M010 883032P03M020 883032S20M010 883032S20M020 884032P03M0105 884032E52M020A 884032S20M050 884032P03M050 884032E03M030 885032E03M010 884032E52M010A 884032P03M010 884032P03M006 884032P03M030 884032E03M0501 884032P03M1005 883032P03M305 883032E03M060 884032I03M003 885032P03M003 883032P03M060 884032A51M050	1200072838 1200072879 1200665032 1200665040 1200668007 1200668053 1200668054 1200668072 1200668073 1200668074 1200668075 1200668076 1200668077 1200668078 1200668092 1200668093 1200668161 1200668173 1200668177 1200668200 1200668205 1200668206 1200668223 1200668267 1200668268 1200668282 1200668290 1200668307 1200668308 1200668309 1200668311 1200668312 1200668341 1200668343 1200668345	884032P03M003 883032H09M010 884032E03M020 884032H69M100 883032I03M010 883032E03M100 883032P03M005 884032E03M006 884032E03M010 884032E03M050 884032E03M100 884032H69M030 884032P82M0037 884032P82M0207 885032E03M020 885032P03M030 884032S20M030 884032E03M1501 884032S20M020 884032E03M1001 883032E03M050 883032E03M150 884032E03M200 884032P82M0157 884032H09M020 884032P82M01005 884032E03M2005 884032E03M1205 884032H69M010 884032H69M050 883032P03M050 884032P82M0067 884032P03M002G	F	E	D	C	B	A
ORIGINAL RELEASE EC NO: IPG2013-1021 DRWN:HWALCZAK 2012/11/22 CHKD:JMARSZALEK 2013/01/14 APPR:MIWASIECZKO 2013/01/15																
QUALITY SYMBOLS ▽=0 ▽C=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE		DESIGN UNITS METRIC		FIRST ANGLE PROJECTION						
REV DESCRIPTION		DRAWN BY DATE		TITLED		CSE M12 XP AC FE MA XM DE		molex		SHEET NO. 5 OF 6						
A		HWALCZAK 2012/11/22		3 PLACES		JMARZALEK 2013/01/14		SD-120066-001		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
		CHECKED BY DATE		2 PLACES		APPROVED BY DATE										
		MIWASIECZKO 2013/01/15		1 PLACE		MATERIAL NO.										
		ANGULAR ± .5 °		0 PLACE		SEE CHART										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3												
tb_frame_A3_P_ME_F Rev E1 2012/01/25																

10	9	8	7	6	5	4	3	2	1
----	---	---	---	---	---	---	---	---	---

1200668493	885032H09M010
1200668494	884032H09M010
1200668522	884032103M020
1200668603	885032P03M020G
1200668663	884032E02M050
1200070187	883033E03M003
1200070190	883033E03M020
1200668685	883033E03M030
1200668668	883033E03M050
1200668398	883033E03M100
1200668649	883033E03M100Y
1200668539	883033E03M150
1200668650	883033E03M150Y
1200668253	883033E03M200
1200668351	883033E13M005
1200668498	883033H09M010
1200070203	883033103M006
1200070204	883033103M010
1200070207	883033103M050
1200070208	883033103M100
1200071856	883033103M1005
1200070209	883033103M150
1200668295	883033P03M003
1200070215	883033P03M006
1200070216	883033P03M010
1200070217	883033P03M020
1200070817	883033P03M050
1200668178	884033E03M003
1200668079	884033E03M006
1200070554	884033E03M010
1200073050	884033E03M0101
1200668192	884033E03M020
1200072331	884033E03M0201
1200070556	884033E03M030
1200070557	884033E03M050

1200073065	884033E03M0501
1200668492	884033H09M010
1200668240	884033H09M020
1200668243	884033H09M050
1200668260	884033I03M010
1200668261	884033I03M020
1200668262	884033I03M0305
1200668263	884033I03M0505
1200668264	884033I03M1005
1200071524	884033P03M006
1200071523	884033P03M010
1200668275	884033P03M015
1200668332	884033P03M020
1200668179	884033P03M020H
1200668217	884033P03M030
1200668298	884033P03M050
1200665041	884033P82M0037
1200071326	884033P82M0067
1200071327	884033P82M0107
1200070565	884033S20M010
1200665402	885033E03M010
1200668529	885033E03M010H
1200668675	885033E03M020
1200668676	885033E03M030
1200668677	885033E03M050
1200668678	885033E03M100
1200668499	885033H09M010
1200668679	885033H09M020
1200668680	885033H09M030
1200668681	885033H09M050
1200668682	885033H09M100
1200668346	885033P03M003
1200668094	885033P03M010
1200072660	885033P03M030
1200072657	885033P03M0755

[illegible]

ORIGINAL RELEASE EC NO: IPG2013-1021 DRAWN: HWALCZAK 2012/11/22 CHK'D: JMARSZALEK 2013/01/14 APPR: MIWASIECZKO 2013/01/15	DESCRIPTION	QUALITY SYMBOLS  ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE CSE M12 XP AC FE MA XM DE				
			4 PLACES	± ---	± ---	HWALCZAK	2012/11/22					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.05	± ---	JMARSZALEK	2013/01/14	molex				
			1 PLACE	± 0.10	± ---	APPROVED BY	DATE					
			0 PLACE	± ---	± ---	MIWASIECZKO	2013/01/15	DOCUMENT NO.			SHEET NO.	
			ANGULAR ± .5 °		MATERIAL NO.		SD-120066-001			6 OF 6		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						