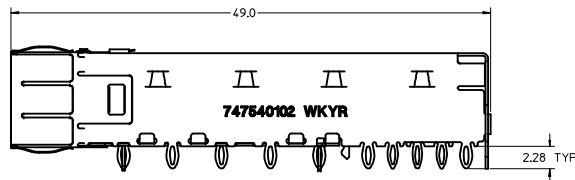
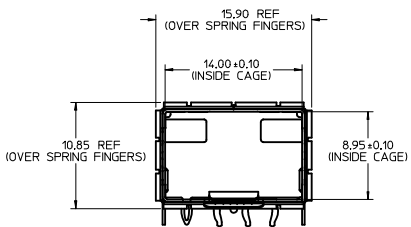


TABS USED TO MOUNT LIGHT PIPE COVER

CAGE INFORMATION:  
 MATERIAL NUMBER AND DATE CODE:  
 WK - WEEK (01 THROUGH 52)  
 YR - LAST TWO DIGITS OF THE YEAR  
 (EXAMPLE: 2011 - 10)



**NOTES:**

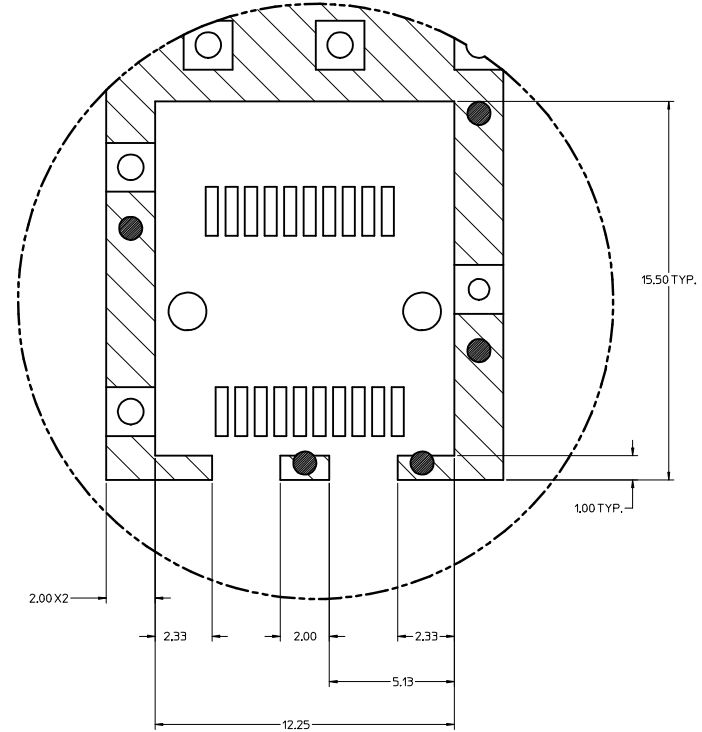
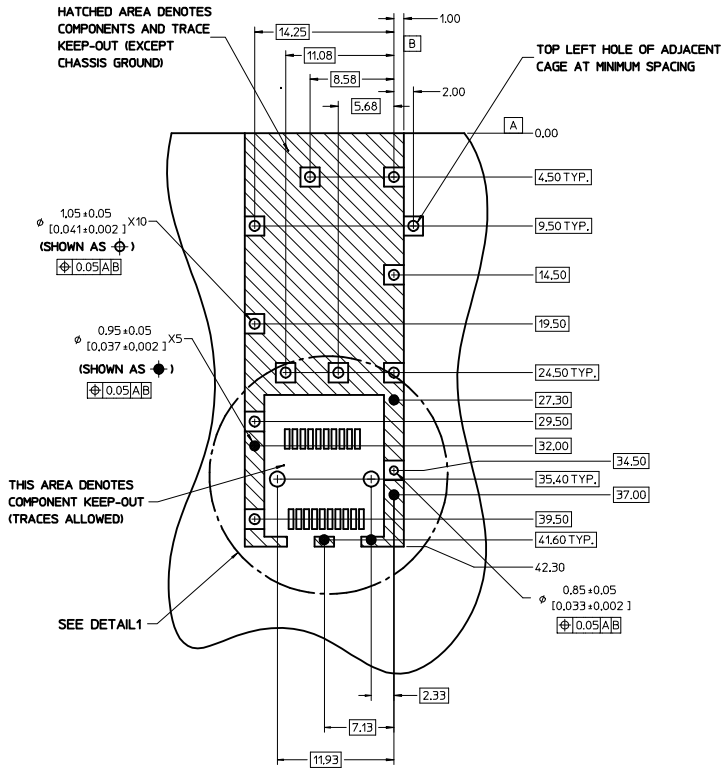
1. MATERIAL:  
 CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED  
 SPRING FINGER: 0.10mm THICK COPPER ALLOY, NICKEL PLATED
2. PRESS FIT LEGS 2.28 [ .090 INCH ] LONG -  
 1.57 [ .062 INCH ] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE  
 3.00 [ .118 INCH ] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE
3. OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE
4. PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS
5. LEAD FREE, NO RoHS EXEMPTIONS

MOLEX P/N	WELD POINT	WELD PACKAGING
747540102	NO	TRAY
747548102	NO	TAPE & REEL

<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: LERMIN 2012/07/16 CHECKED: JOHNSTON 2012/07/16 APPROVED: K LLOYD 2012/07/28 REV: DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .25</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.15</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>0 PLACE</td> <td>± .30</td> <td>± .012</td> </tr> </tbody> </table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .15	± .005	3 PLACES	± .25	± .010	2 PLACES	± 0.15	± .005	1 PLACE	± 0.25	± .010	0 PLACE	± .30	± .012	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
4 PLACES	± .15	± .005																						
3 PLACES	± .25	± .010																						
2 PLACES	± 0.15	± .005																						
1 PLACE	± 0.25	± .010																						
0 PLACE	± .30	± .012																						
DRAWN BY: JRESENDE CHECKED BY: MA JOHNSTON APPROVED BY: K JANOTA DATE: 2008/03/06 DATE: 2008/03/06 DATE: 2008/03/06	TITLE <b>SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS</b>	MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. <b>SD-74754-0102</b>	SHEET NO. <b>1 OF 6</b>																				

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

PCB LAYOUT FOR SINGLE SIDE MOUNT



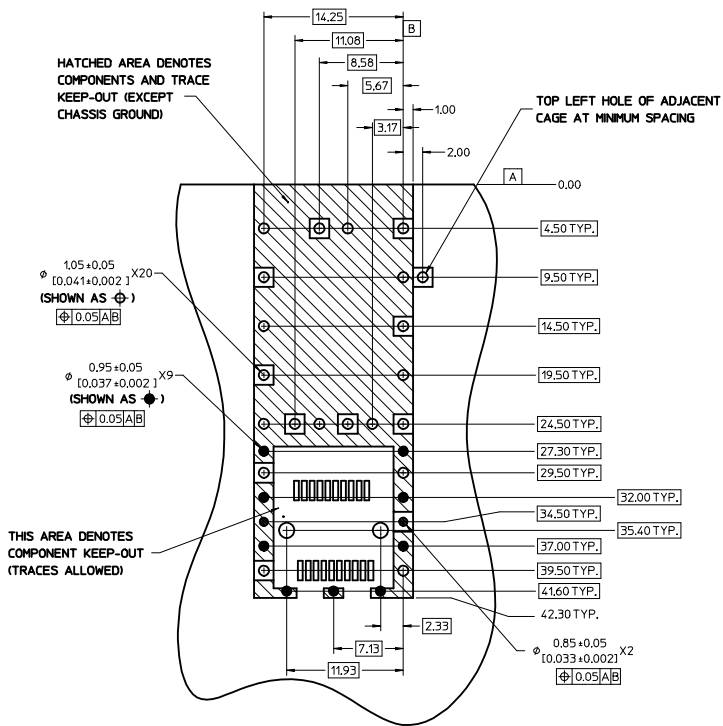
DETAIL1  
SCALE 10:1  
HOST CONNECTOR DETAIL

NOTES:

1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: ERWIN 2012/07/16 CHKD: JOHNSTON 2012/07/16 APPR: K LLOYD 2012/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ± --- + --- 3 PLACES ± --- + --- 2 PLACES ± 0.15 + --- 1 PLACE ± 0.25 + --- 0 PLACE ± --- + ---	mm INCH	MM ONLY	4:1	METRIC
MATERIAL NO. SEE CHART	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 1 °	DRAWN BY: JRESENDE CHECKED BY: MA JOHNSTON APPROVED BY: KJANOTA	DATE: 2008/03/06 DATE: 2008/03/06 DATE: 2008/03/06	DOCUMENT NO. SD-74754-0102	SHEET NO. 2 OF 6
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

### PCB LAYOUT FOR BELLY TO BELLY MOUNTING



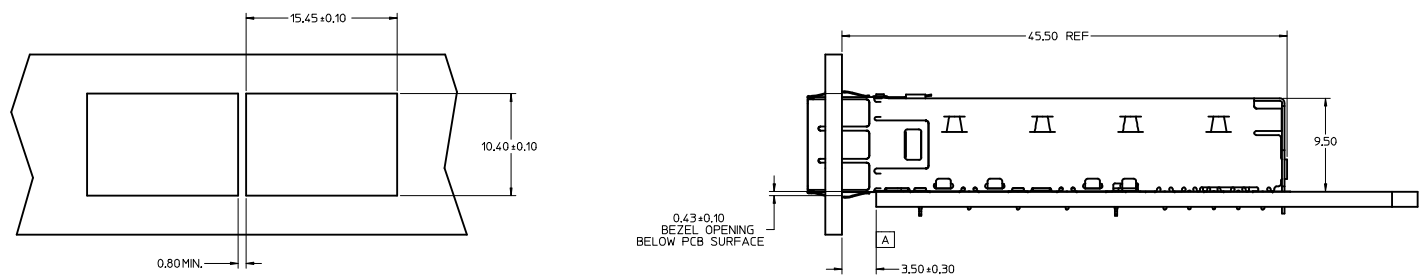
NOTE:  
SEE SHEET 2 FOR  
HOST CONNECTOR DETAIL

**NOTES:**

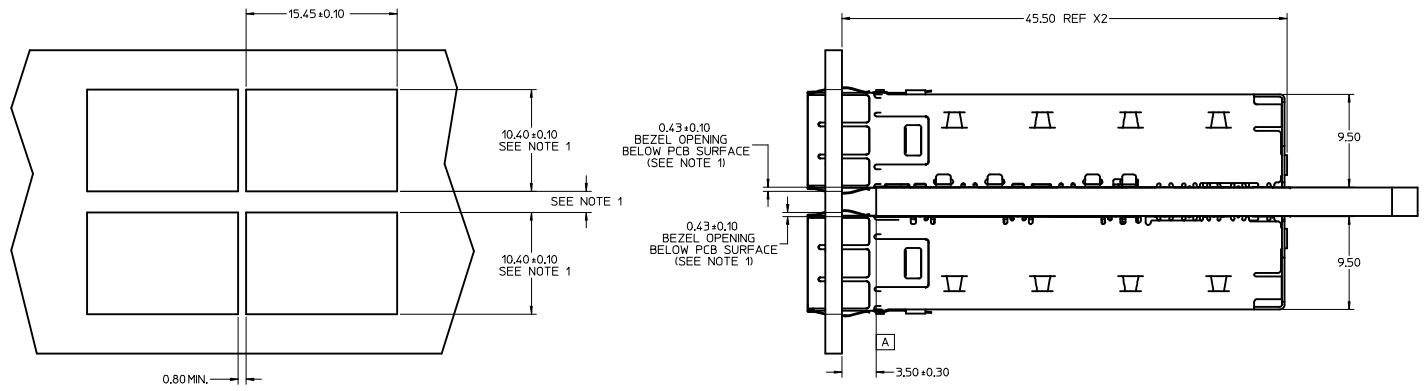
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: ERWIN 2012/07/16 CHYKOA JOHNSTON 2012/07/16 APPROX: KLOYD 2012/07/28	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY JRESENDE	DATE 2008/03/06	TITLE SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS		
		ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY KJANOTA	DATE 2008/03/06	MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. SD-74754-0102	SHEET NO. 3 OF 6
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING  
(SPRING FINGER)



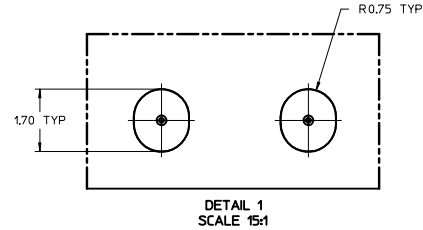
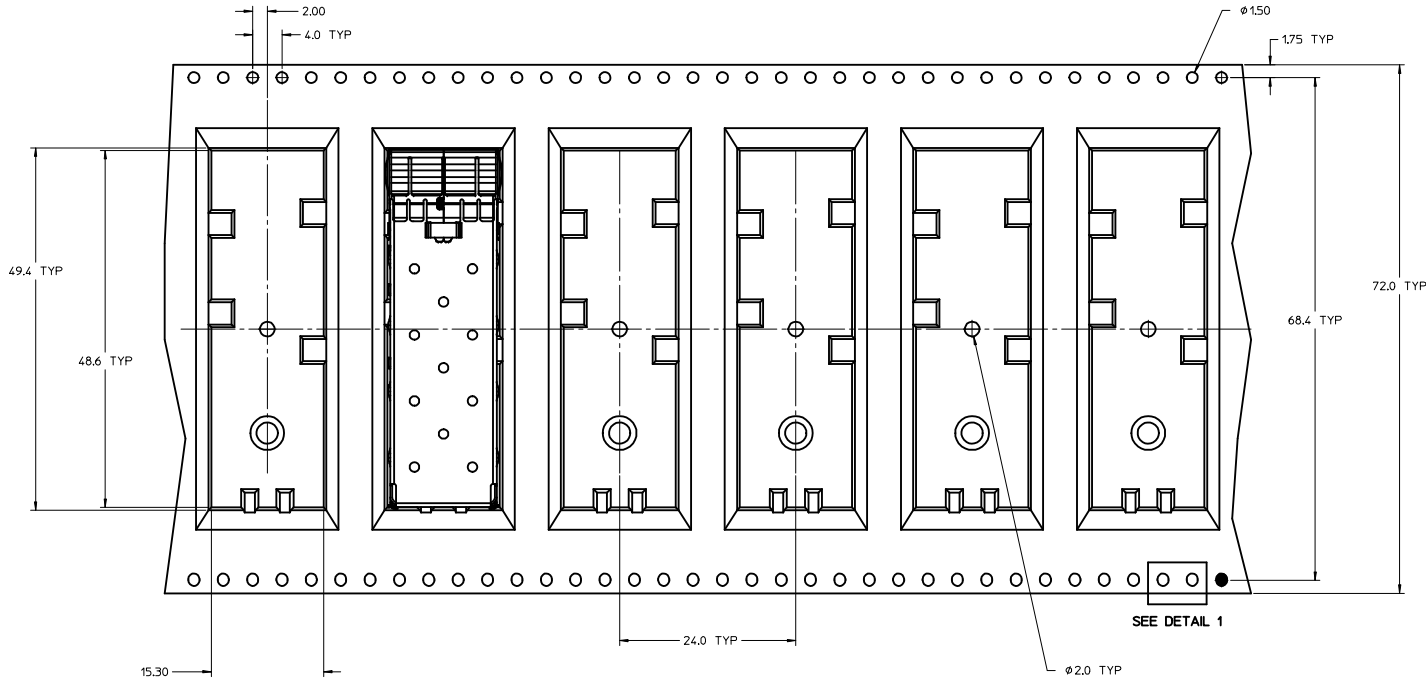
BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING  
(SPRING FINGER)



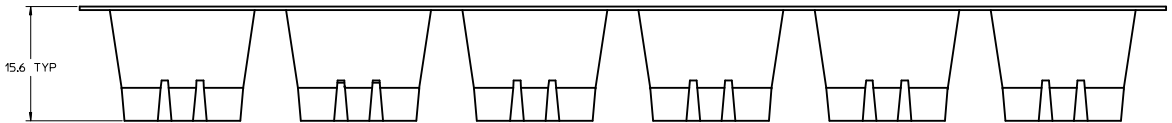
NOTES:  
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION.

<b>ADDED PACKAGING</b> IEC NO: CPG2013-0273 DRAWN BY: CHYKDA-JOHNSON 2012/07/16 CHECKED BY: APPR:K-LLOYD 2012/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY: JRESENDE DATE: 2008/03/06			TITLE
	▽=0	3 PLACES ± --- ± ---	CHECKED BY: MA-JOHNSON DATE: 2008/03/06			SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS
	ANGULAR ± 1 °	1 PLACE ± 0.15 ± ---	APPROVED BY: KJANOTA DATE: 2008/03/06			<b>molex</b>
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	0 PLACE ± --- ± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-74754-0102	SHEET NO. 4 OF 6
			SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



TAPE FEED DIRECTION →



<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: ERMIN 2012/07/16 CHECKED: CHYKDA-JHNSON 2012/07/16 APPR: K.LLOYD 2012/07/28 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±0.15</td> <td>±0.006</td> </tr> <tr> <td>3 PLACES</td> <td>±0.25</td> <td>±0.010</td> </tr> <tr> <td>2 PLACES</td> <td>±0.38</td> <td>±0.015</td> </tr> <tr> <td>1 PLACE</td> <td>±0.51</td> <td>±0.020</td> </tr> <tr> <td>0 PLACE</td> <td>±0.64</td> <td>±0.025</td> </tr> </tbody> </table>			mm	INCH	4 PLACES	±0.15	±0.006	3 PLACES	±0.25	±0.010	2 PLACES	±0.38	±0.015	1 PLACE	±0.51	±0.020	0 PLACE	±0.64	±0.025	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>3:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
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ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWN BY JRESENDE	DATE 2008/03/06	TITLE <b>SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS</b>																					
			MATERIAL NO. <b>747540102</b>	APPROVED BY KJANOTA	DATE 2008/03/06	DOCUMENT NO. <b>SD-74754-0102</b>																				
			SIZE <b>D</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 5 OF 6																			

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

