

QSFP CAGE ASSY W/ ELASTOMER GASKET

CAGE ASSY W/ LP-HS INSTALLED	CAGE ASSY W/O LP-HS INSTALLED	# OF CAGE REAR LEGS	LIGHT PIPE SINGLE (747500403) DUAL (747500404)	HEAT SINK SAN (747500321) NET (747500322)
747500070	747500094	2	SINGLE	SAN
747500071	747500094	2	SINGLE	NET
747500072	747500094	2	DUAL	SAN
747500073	747500094	2	DUAL	NET
747500074	747500095	0	SINGLE	SAN
747500075	747500095	0	SINGLE	NET
747500076	747500095	0	DUAL	SAN
747500077	747500095	0	DUAL	NET

NOTES:

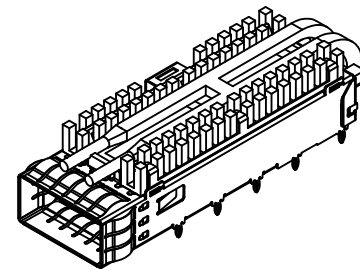
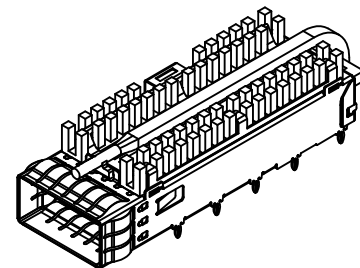
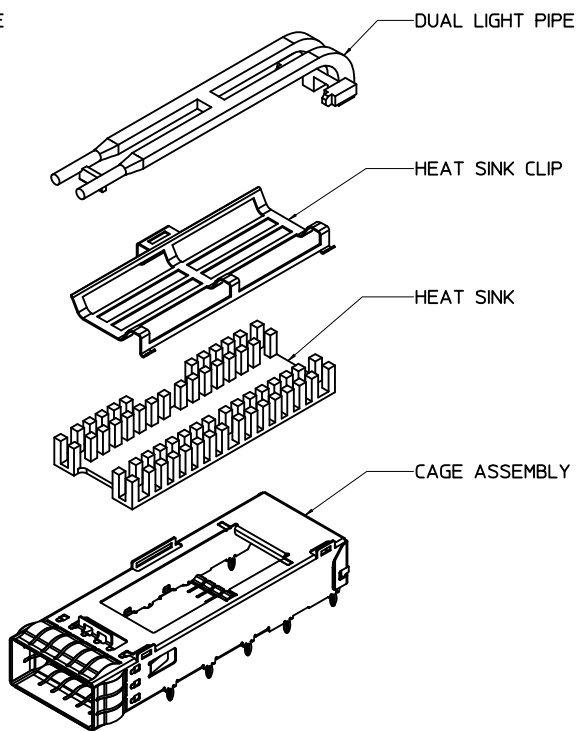
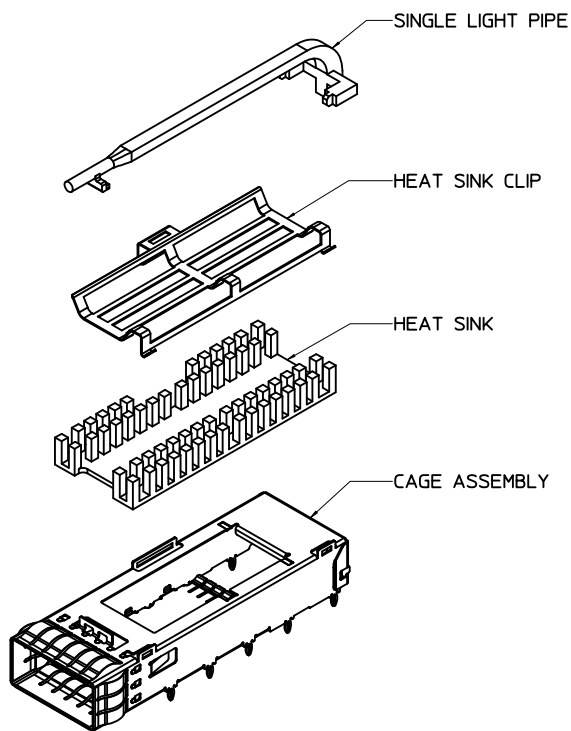
1. MATERIAL:

- HEATSINK CLIP: STAINLESS STEEL
- LIGHT PIPES: POLYCARBONATE (94-V0 RATED)
- HEAT SINKS: ALUMINUM
- CAGE: COPPER ALLOY

2. FOR CAGE DETAIL, SEE MOLEX DRAWING SD-74750-0094

3. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)

UPDATED HS NOTE EC NO: USY2012-0270 DRAWNSMAIA 2011/08/01 CHKDCHIRSCHY 2011/08/01 APPR:RKHAN 2011/08/23	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES +--- +--- 3 PLACES +--- +--- 2 PLACES +0.15 +--- 1 PLACE +0.25 +--- ANGULAR ± 1°	mm INCH +--- +--- +--- +--- +--- +--- +--- +---	DRAWN BY JERWIN DATE 2009/11/30	CHECKED BY CHIRSCHY DATE 2009/12/22	APPROVED BY RMAHMOOD DATE 2009/11/30	TITLE QSFP 1X1 GANGED CAGE FULLY ASSEMBLED
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MOLEX INCORPORATED		DOCUMENT NO. SD-74750-0070	
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 4	



QSPF CAGE ASSY W/ SPRING FINGER

CAGE ASSY W/ LP-HS INSTALLED	CAGE ASSY W/O LP-HS INSTALLED	# OF CAGE REAR LEGS	LIGHT PIPE SINGLE (747500403) DUAL (747500404)	HEAT SINK SAN (747500321) NET (747500322)
747500080	747500092	2	SINGLE	SAN
747500081	747500092	2	SINGLE	NET
747500082	747500092	2	DUAL	SAN
747500083	747500092	2	DUAL	NET
747500084	747500093	0	SINGLE	SAN
747500085	747500093	0	SINGLE	NET
747500086	747500093	0	DUAL	SAN
747500087	747500093	0	DUAL	NET

NOTES:

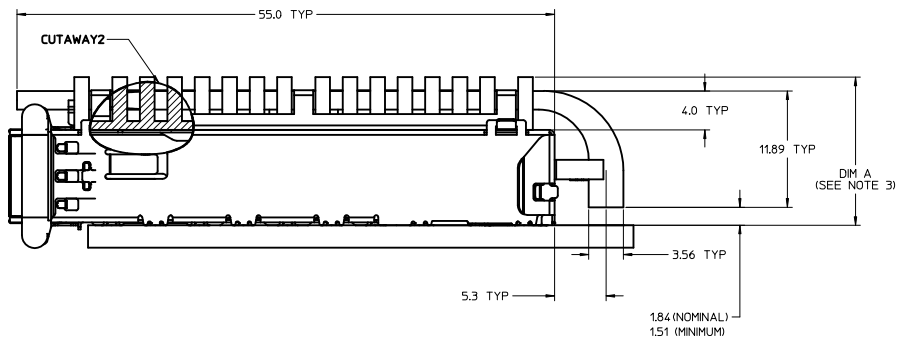
1. MATERIAL:

- HEATSINK CLIP: STAINLESS STEEL
- LIGHT PIPES: POLYCARBONATE (94-V0 RATED)
- HEAT SINKS: ALUMINUM
- CAGE: COPPER ALLOY

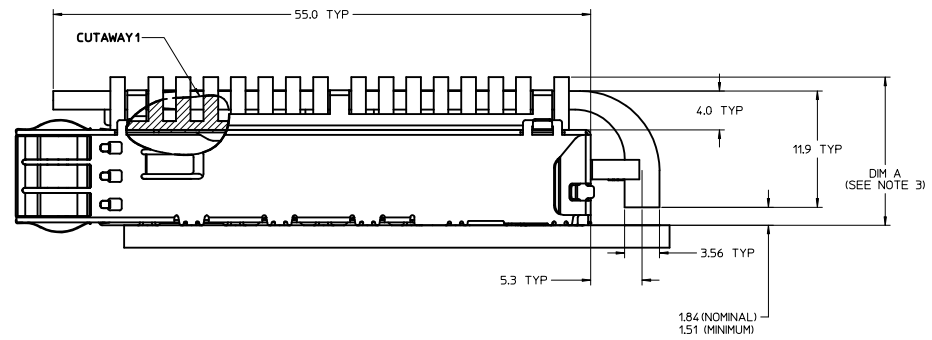
- 2. FOR CAGE DETAIL, SEE MOLEX DRAWING SD-74750-0092
- 3. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)

UPDATED HS NOTE EC NO. USY2012-0210 DRAWN BY: CHYKCHIRSCHY CHECKED BY: APPR:RWK/AN DATE: 2011/08/01 DATE: 2011/08/23 DESCRIPTION:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.15 ±--- 1 PLACE ±0.25 ±--- ANGULAR ± 1°	DIMENSION STYLE MM ONLY	SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY: JERWIN DATE: 2009/11/30 CHECKED BY: CHIRSCHY DATE: 2009/12/22 APPROVED BY: RAHMOOD DATE: 2009/11/30	TITLE QSPF 1X1 GANGED CAGE FULLY ASSEMBLED		MOLEX INCORPORATED DOCUMENT NO. SD-74750-0070
	WATER NO. SEE TABLE		SHEET NO. 2 OF 4			
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

QSFP CAGE W/ ELASTOMER GASKET



QSFP CAGE W/ SPRING FINGERS



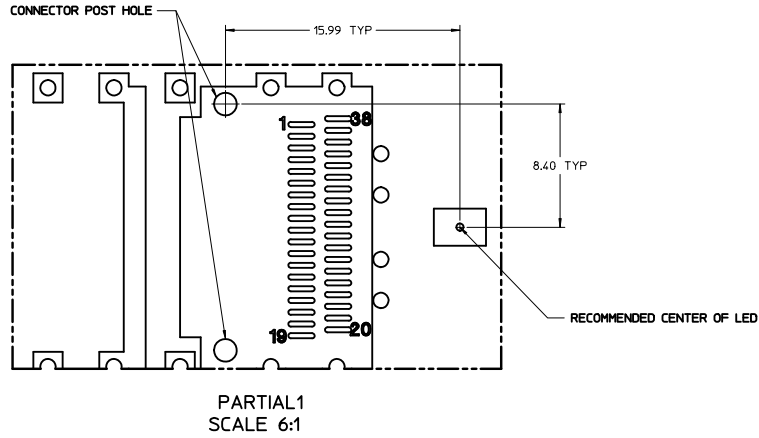
MOLEX P/N	OVERALL HEATSINK HEIGHT	DIM "A"
747500321	SAN	16.0
747500322	NET	23.0

NOTES:

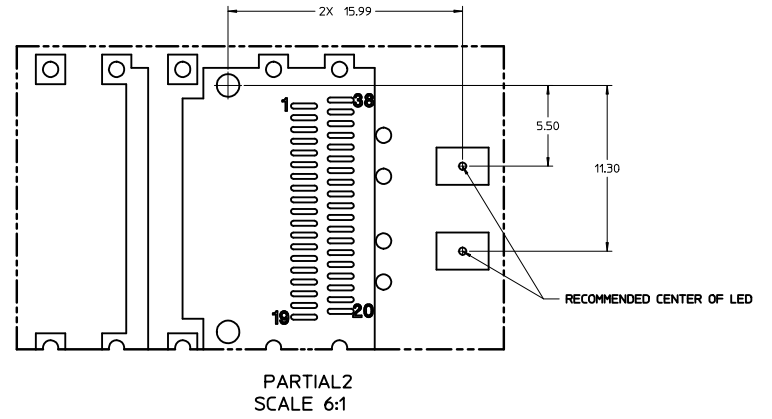
1. LED SHOULD BE PLACED RELATIVE TO THE QSFP CONNECTOR POST HOLES
2. CUSTOM HEATSINKS AVAILABLE UPON REQUEST
3. HEIGHT OF HEATSINK WITH MODULE INSERTED. DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS.

UPDATED HS NOTE IEC NO: USY2012-0210 DRAWNSWAJA 2011/08/01 CHKDCHRSCHY 2011/08/01 APPRMRKHAN 2011/08/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.15 ±--- 1 PLACE ±0.25 ±--- ANGULAR ± 1°	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY JERWIN 2009/11/30	CHECKED BY CHRSCHY 2009/12/22	APPROVED BY RMAHMOOD 2009/11/30	DATE 2009/11/30	DATE 2009/11/30	DATE 2009/11/30	DATE 2009/11/30
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74750-0070	SHEET NO. 3 OF 4	TITLE QSFP 1X1 GANGED CAGE FULLY ASSEMBLED
	MOLEX INCORPORATED						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

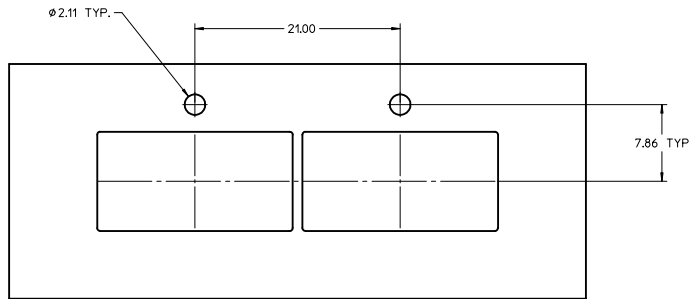
SINGLE LIGHT PIPE LED LAYOUT



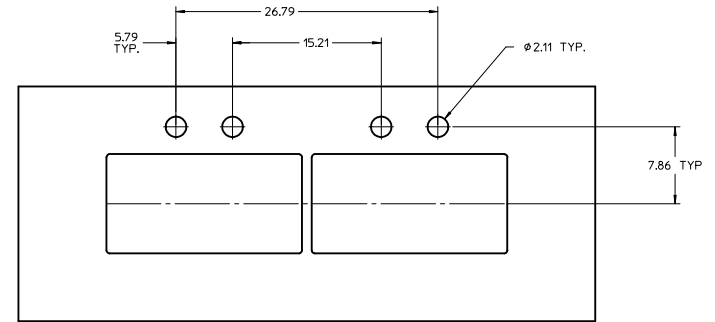
DUAL LIGHT PIPE LED LAYOUT



SINGLE LIGHT PIPE BEZEL LAYOUT

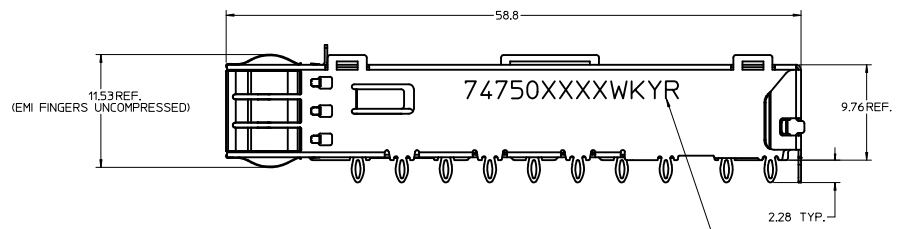
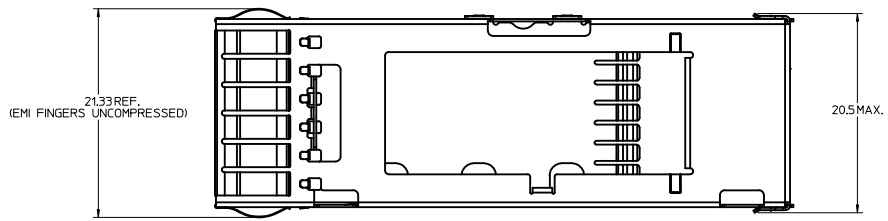


DUAL LIGHT PIPE BEZEL LAYOUT



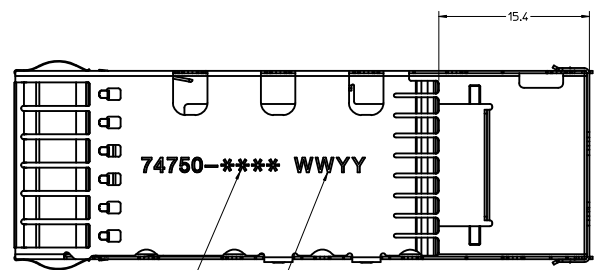
MOLEX P/N	LIGHT PIPE
747500403	SINGLE
747500404	DUAL

UPDATED HS NOTE IEC NO: USY2012-0210 DRAWNSWALIA 2011/08/01 CHYKCHIRSCHY 2011/08/01 APPROXIMKHAN 2011/08/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± 0.15 INCH 3 PLACES ± 0.15 INCH 2 PLACES ± 0.25 INCH 1 PLACE ± 0.25 INCH ANGULAR ± 1°	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY JERWIN	DATE 2009/11/30	CHECKED BY CHIRSCHY	DATE 2009/12/22	APPROVED BY MAHMOOD	DATE 2009/11/30	TITLE QSFP 1X1 GANGED CAGE FULLY ASSEMBLED
	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74750-0070	MOLEX INCORPORATED	SHEET NO. 4 OF 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						



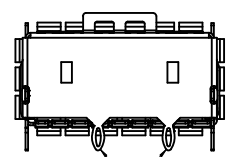
PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WEEK - 01 THRU 52	EXAMPLE: 01 - FIRST WEEK OF YEAR 52 - LAST WEEK OF YEAR
YEAR - 10, 11, 12 ETC.	EXAMPLE: YEAR 2010 - 10

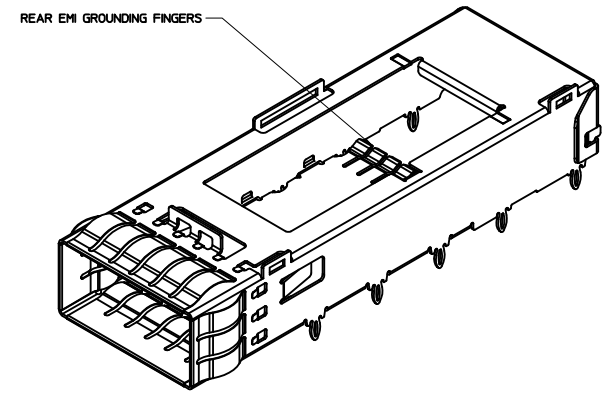


COMPONENT PART NUMBER (SEE TABLE)

COMPONENT DATE CODE



REAR PINS ARE OPTIONAL (SEE CHART)



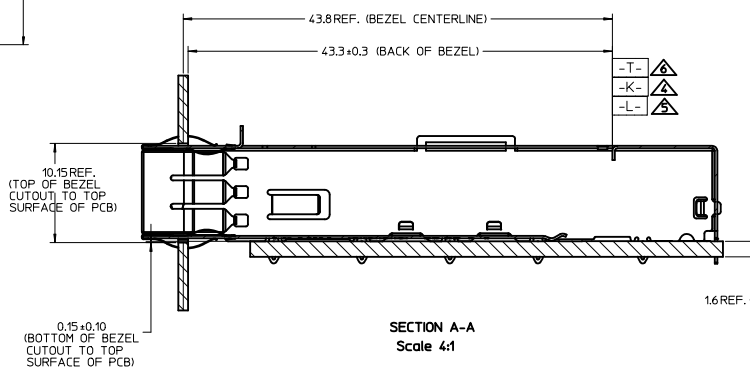
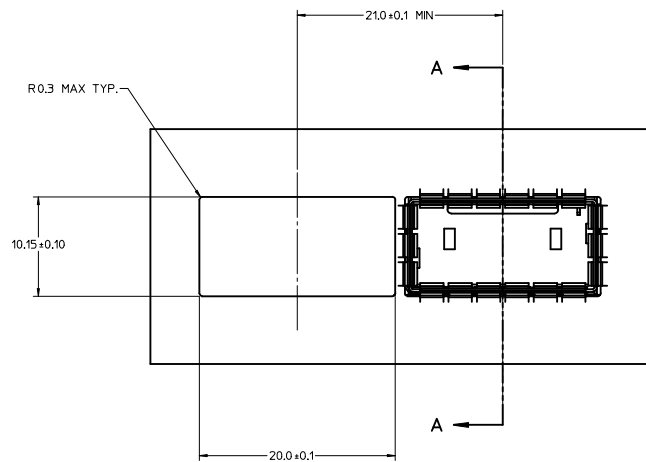
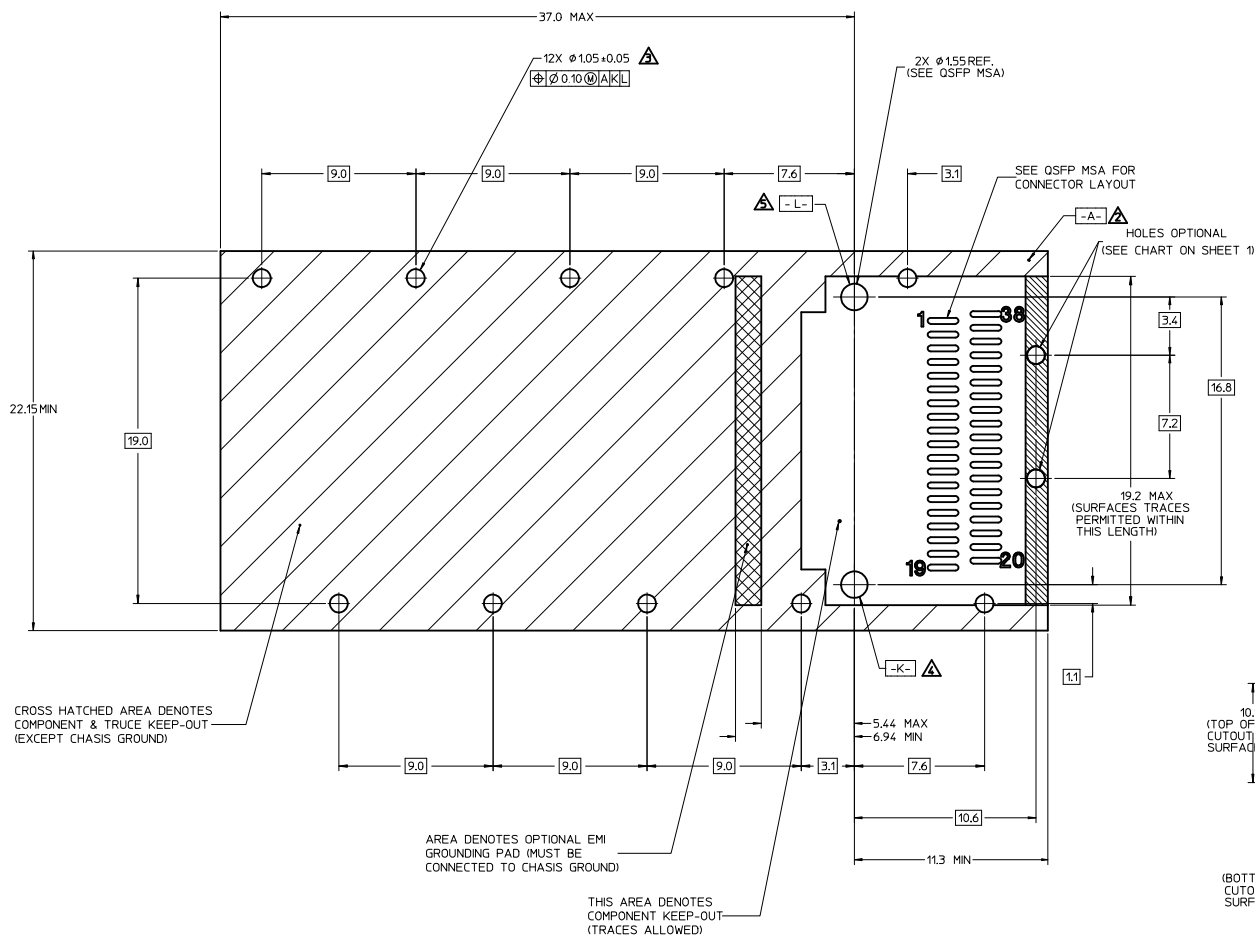
FINISHED ASSEMBLY P/N	COMPONENT P/N (CAGE)	# OF REAR LEGS	COMMENTS
747500092	747500112	2	OPEN TOP FOR HEAT SINK
747500093	747500113	0	OPEN TOP FOR HEAT SINK

NOTES:

- PRESS FIT LEGS 2.28mm [0.090"] LONG
- SINGLE SIDED BOARD THICKNESS
 NOMINAL: 1.60 [0.062"]
 MINIMUM: 1.44 [0.057"]
 BELLY TO BELLY BOARD THICKNESS
 NOMINAL: 2.30 [0.090"]
 MINIMUM: 2.07 [0.081"]
- MATERIAL: COPPER ALLOY (PLATED PRIOR TO CUTTING AND FORMING)
 PLATING: NICKEL
- REFERENCE DOCUMENTS:
 PRODUCT SPECIFICATION: QSFP MSA
- THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

INITIAL RELEASE EC NO: USY2011-0437 DRAWN: JERWIN 2010/09/20 CHECKED: CHIRSCHY 2010/09/20 APPROVED: RMAHMOOD 2010/12/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▼=0 ▽=0	mm INCH	MM ONLY	4:1	METRIC		
		4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±--- 1 PLACE ±0.25 ±---	DRAWN BY DATE JERWIN 2010/09/20 CHECKED BY DATE CHIRSCHY 2010/09/20 APPROVED BY DATE RMAHMOOD 2010/12/20	TITLE	QSFP CAGE ASSEMBLY W/ SPRING FINGERS		
		ANGULAR ± 1°	MATERIAL NO. SEE TABLE	MOLEX INCORPORATED		DOCUMENT NO. SD-74750-0092	SHEET NO. 1 OF 4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

PCB LAYOUT FOR SINGLE SIDED APPLICATIONS



NOTES:

1. DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA
2. FINISHED HOLE SIZE (AFTER PLATING)
3. DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA
4. DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA
5. DATUM -T- IS HARD STOP ON CAGE PER MSA

INITIAL RELEASE EC NO: USY2011-0437 DRAWN BY: JERWIN CHYKHIRSCHY 20/09/20 APPROV: RAHMUOD 20/09/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY JERWIN	DATE 2010/09/20	TITLE QSFPA CAGE ASSEMBLY W/ SPRING FINGERS		
		3 PLACES ± --- ± ---	± 0.13	CHECKED BY CHIRSCHY	DATE 2010/09/20	MOLEX INCORPORATED		
		2 PLACES ± 0.25 ± ---	ANGULAR ± 1°	APPROVED BY RAHMUOD	DATE 2010/12/20	WATERL NO. SEE TABLE	DOCUMENT NO. SD-74750-0092	SHEET NO. 2 OF 4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

