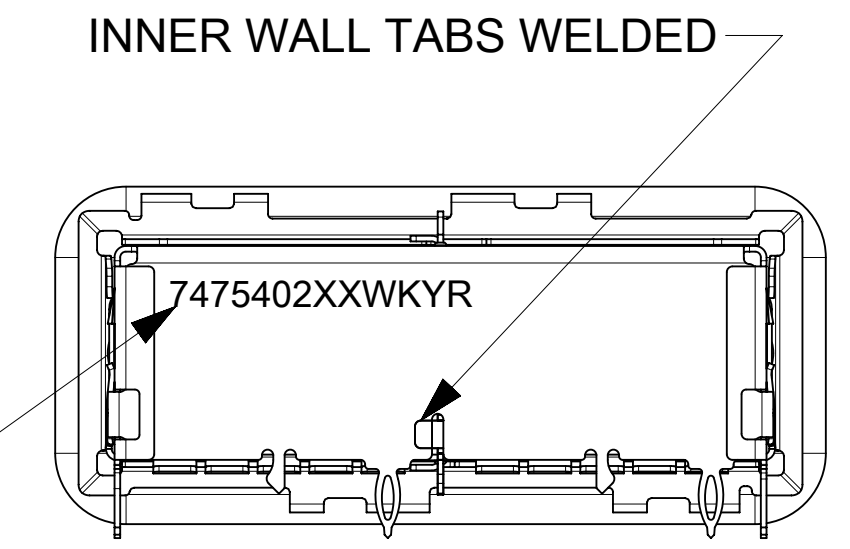
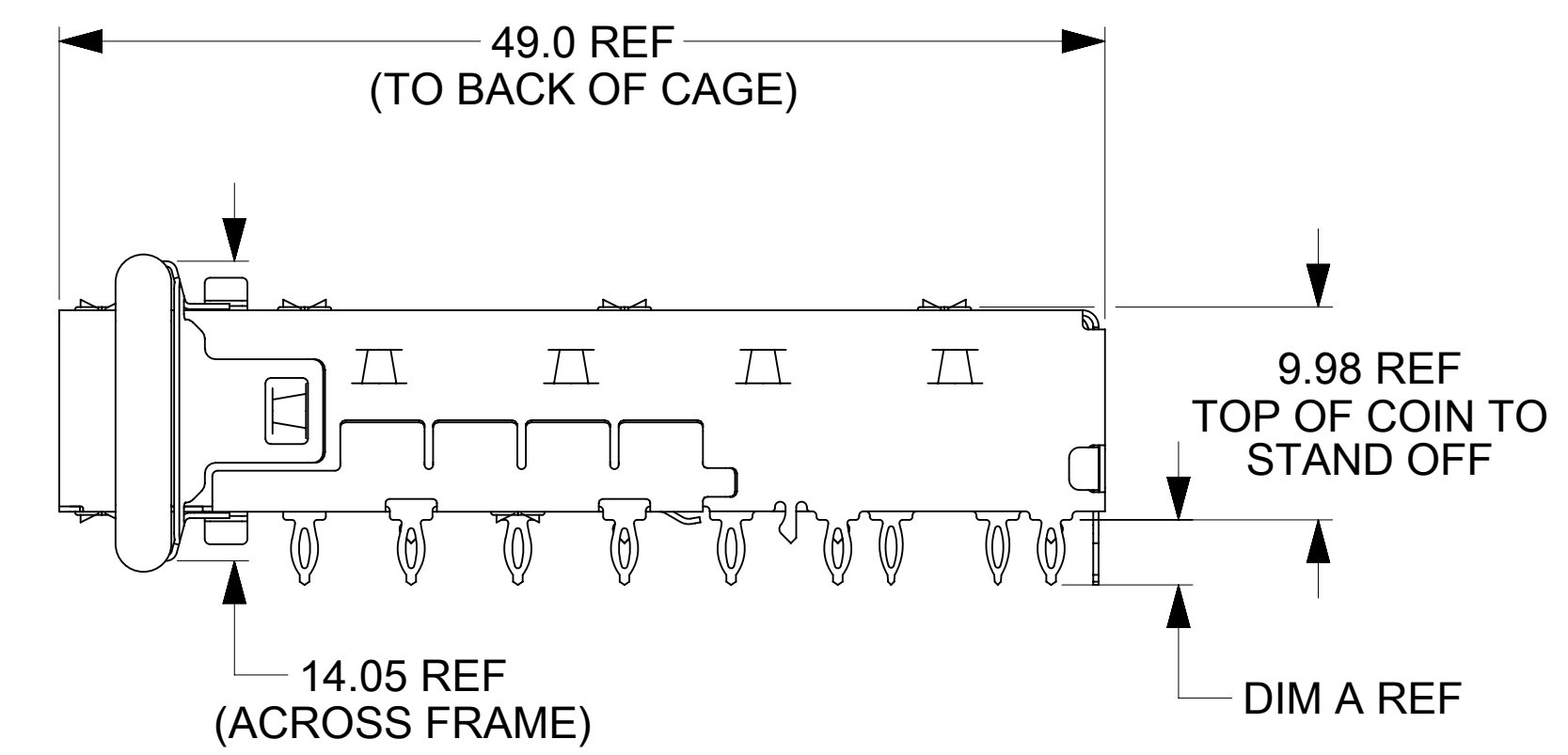


INNER WALL IS COINED OVER BASE AND COVER FOR EXCELLENT RIGIDITY

TABS USED TO MOUNT LIGHT PIPE COVER

DIMENSION FOR EACH INNER CAGE DESIGNED TO FUNCTION WITH SMALL FORM-FACTOR PLUGGABLE PLUS (SFP+) TRANSCEIVER



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

PART NUMBER	DIM A	MIN. PCB THICKNESS FOR SINGLE SIDED	MIN. PCB THICKNESS FOR BELLY TO BELLY	ELASTOMERIC GASKET FLAMMABILITY RATING
747540210	3.05	1.57	3.00	
747540212	2.28		2.28	

WEEK/YEAR DATE CODE	
WK	01 THRU 52 EXAMPLE: 01 = FIRST WEEK OF YEAR 52=LAST WEEK OF YEAR
YR	11, 12, 13, ETC. EXAMPLE: 2013 = 13

- NOTES:
- MATERIAL:
CAGE: NICKEL PLATED COPPER ALLOY, THICKNESS 0.25mm.
EMI GASKET: CONDUCTIVE ELASTOMER O-RING.
 - OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
 - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANCEIVERS.
 - NO RoHS EXEMPTIONS.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER	
mm	3:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	±	
2 PLACES	± 0.15	±	
1 PLACE	± 0.25	±	
0 PLACES	±	±	
ANGULAR TOL	± 0.5°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
		DRAWING	SERIES
		D-SIZE	74754
		MATERIAL NUMBER	CUSTOMER
		SEE P/N TABLE	CISCO
		SHEET NUMBER	1 OF 5

EC NO: 655037
DRWN: VLOKESHA 2021/01/07
CHK'D: GGA 2021/03/16
APPR: GGA 2021/03/16

INITIAL REVISION:
DRWN: PSYTSM 2007/05/14
APPR: BRUSSELL 2007/05/14

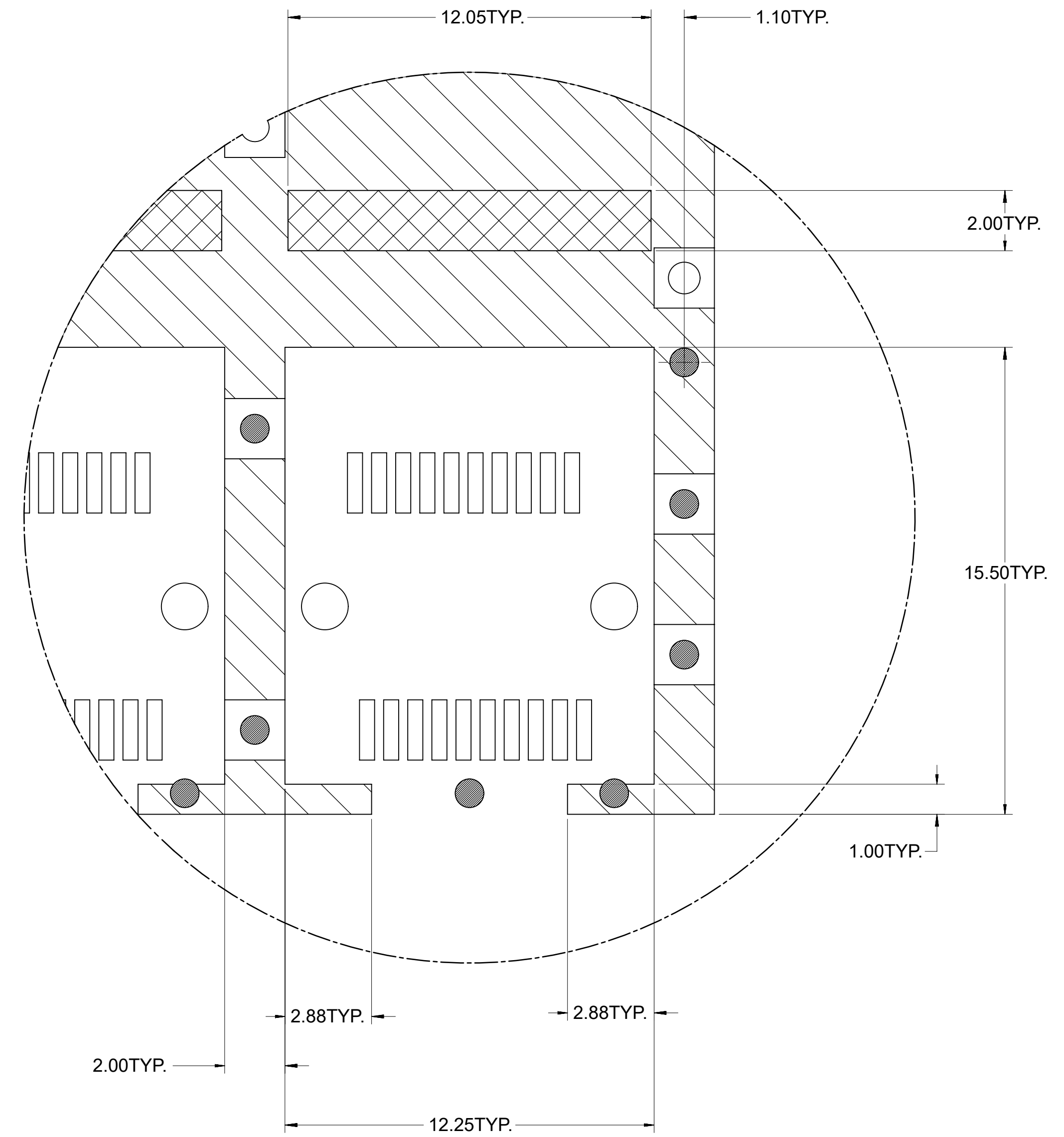
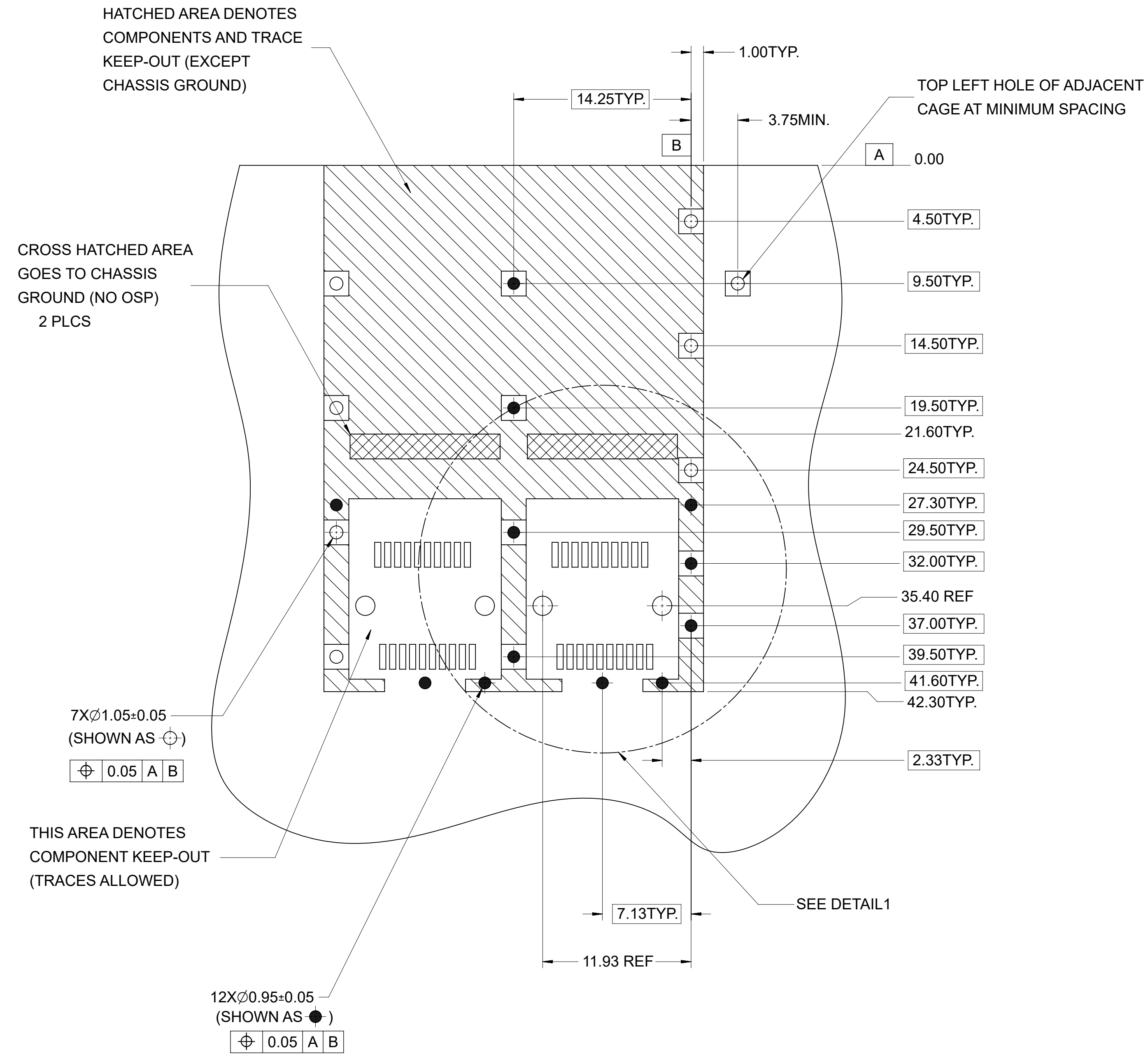
molex

SFP+ 1X2 CAGE ASSY
W/ ELASTOMER GASKET

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74754-0210	PSD	001	G

PCB LAYOUT FOR SINGLE SIDE MOUNT



DETAIL1
SCALE 8:1
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.
 4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER						
mm		1:1		EC NO: 655037 DRWN: VLOKESHA 2021/01/07 CHK'D: GGA 2021/03/16 APPR: GGA 2021/03/16 INITIAL REVISION: DRWN: PSYTSM 2007/05/14 APPR: BRUSSELL 2007/05/14						
GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM	INCH							
4 PLACES	±	±	±							
3 PLACES	±	±	±							
2 PLACES	±	0.15	±							
1 PLACE	±	0.25	±							
0 PLACES	±	±	±							
ANGULAR TOL ± 0.5°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION D-DRAWING SERIES 74754 MATERIAL NUMBER SEE P/N TABLE CUSTOMER CISCO SHEET NUMBER 2 OF 5						
DOCUMENT STATUS		P1	RELEASE DATE	2021/03/16	13:03:15	SD-74754-0210		PSD	001	G

molex

SFP+ 1X2 CAGE ASSY
W/ ELASTOMER GASKET

PRODUCT CUSTOMER DRAWING

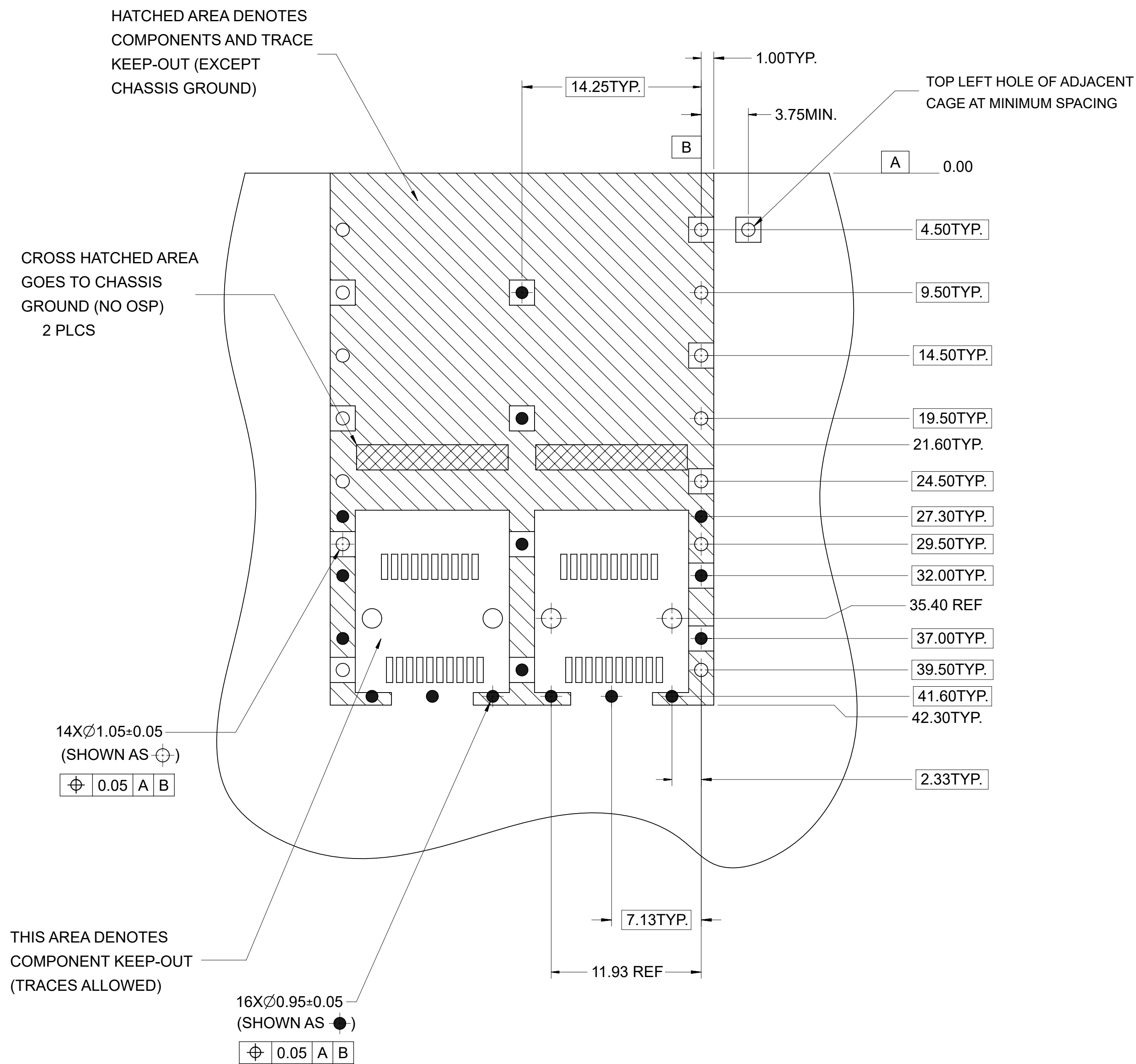
DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-74754-0210 PSD 001 G

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE P/N TABLE CISCO 2 OF 5

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



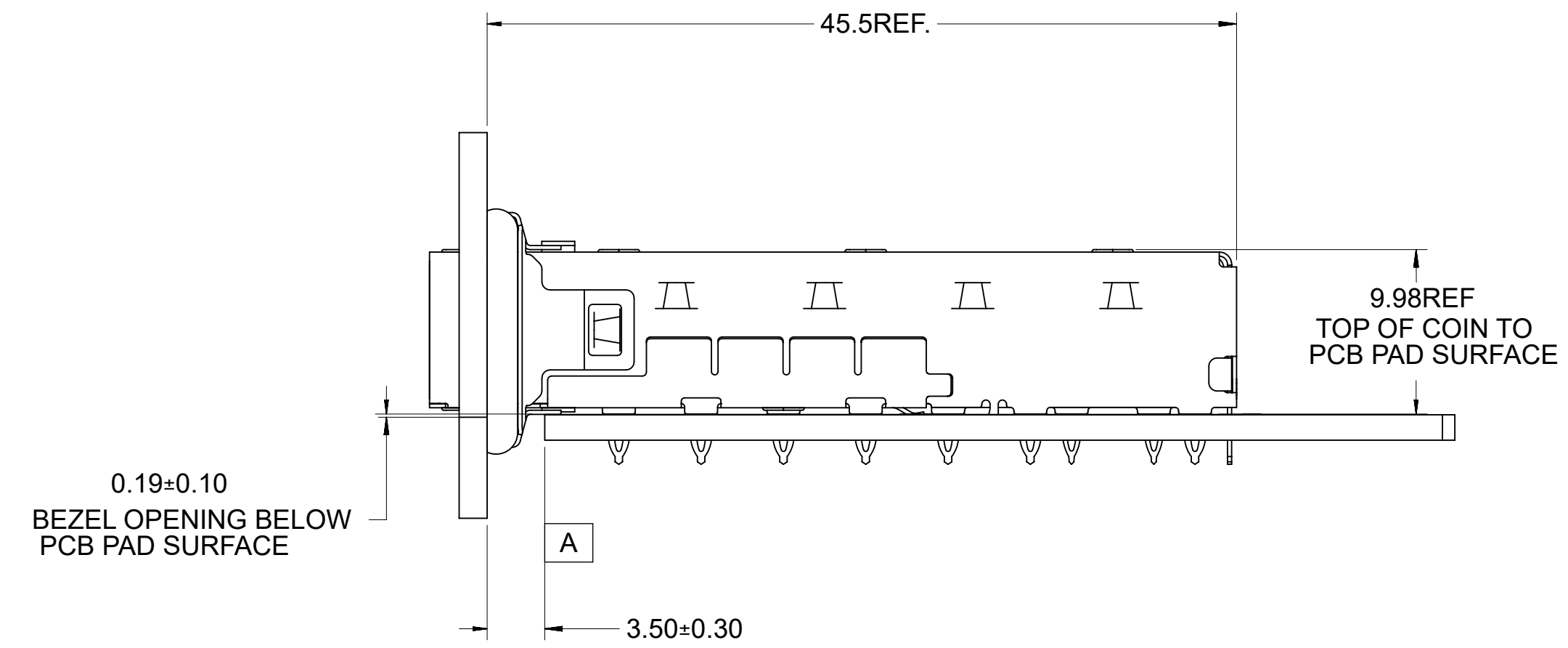
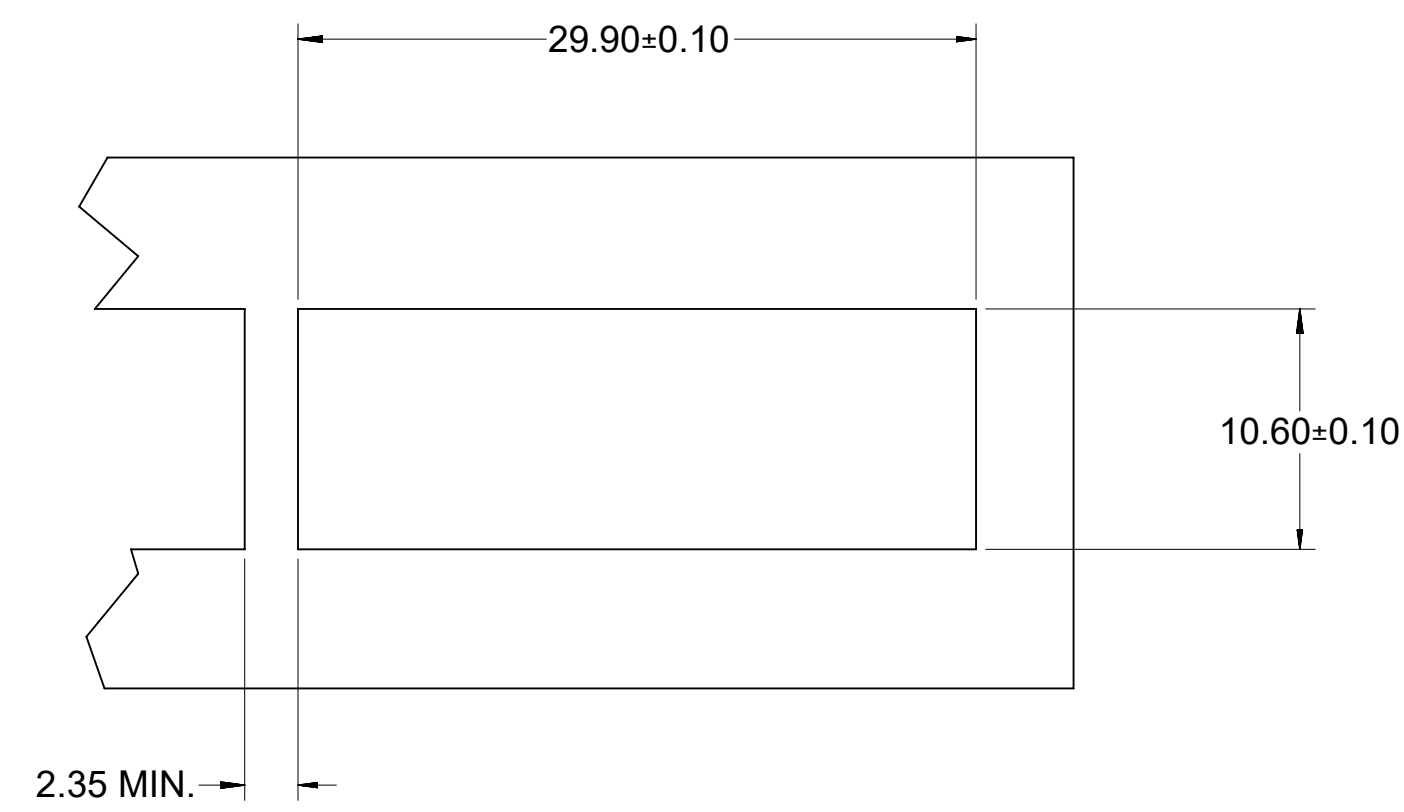
NOTE:
SEE SHEET 2 FOR
HOST CONNECTOR DETAIL

NOTES:

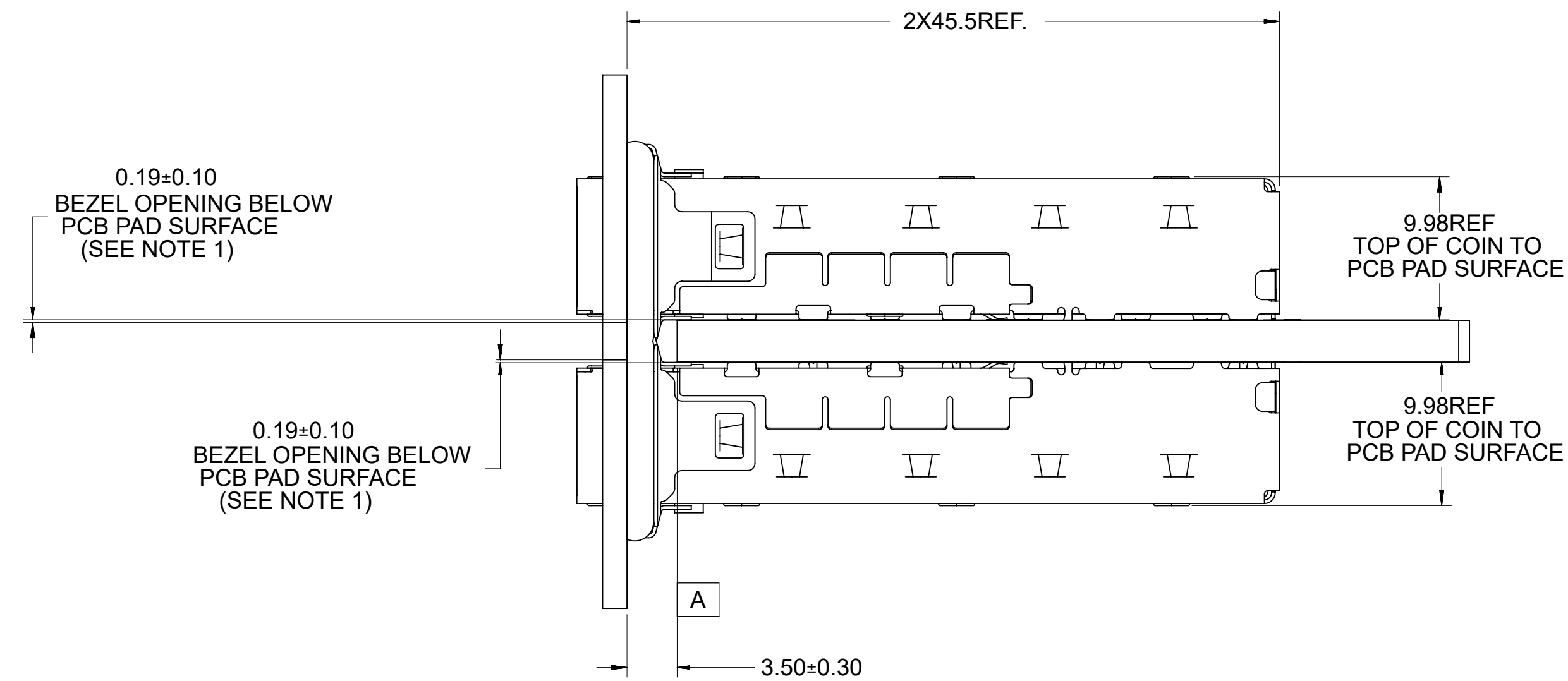
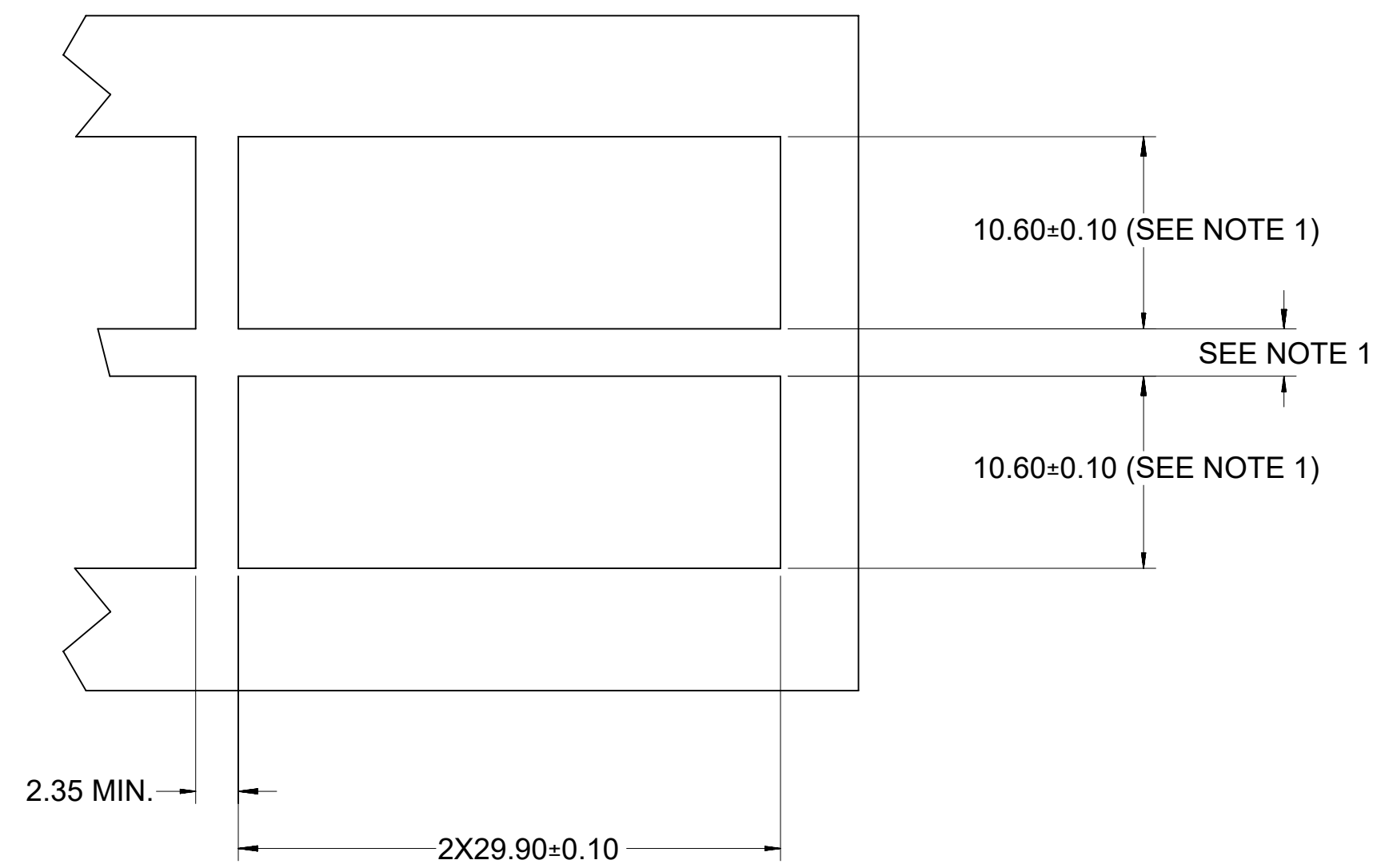
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE).
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: OBSOLETE PART NUMBER							
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex SFP+ 1X2 CAGE ASSY W/ ELASTOMER GASKET PRODUCT CUSTOMER DRAWING							
		MM	INCH								
4 PLACES	±	±	±								
3 PLACES	±	±	±								
2 PLACES	±	0.15	±								
1 PLACE	±	0.25	±	EC NO: 655037		2021/01/07					
0 PLACES	±	±	±	DRWN: VLOKESHA		2021/03/16					
ANGULAR TOL ± 0.5 °				CHK'D: GGA		2021/03/16					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: BRUSSELL		2021/03/16					
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER			
		D-SIZE		74754		SEE P/N TABLE		CISCO			
DOCUMENT STATUS				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
P1				SD-74754-0210		PSD		001		G	
RELEASE DATE				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
2021/03/16 13:03:15				74754		CISCO		3 OF 5			

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING (GASKET)



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING (GASKET)



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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER													
mm	3:1	molex													
GENERAL TOLERANCES (UNLESS SPECIFIED)		SFP+ 1X2 CAGE ASSY W/ ELASTOMER GASKET													
		MM	INCH	PRODUCT CUSTOMER DRAWING								DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
4 PLACES	±	±	±	EC NO: 655037 DRWN: VLOKESHA 2021/01/07 CHK'D: GGA 2021/03/16 APPR: GGA 2021/03/16 INITIAL REVISION: DRWN: PSYTSM 2007/05/14 APPR: BRUSSELL 2007/05/14								SD-74754-0210	PSD	001	G
3 PLACES	±	±	±									SD-74754-0210	PSD	001	G
2 PLACES	±	0.15	±									SEE P/N TABLE	CISCO	4 OF 5	
1 PLACE	±	0.25	±												
0 PLACES	±	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
ANGULAR TOL	±	0.5 °		D-SIZE	74754	SEE P/N TABLE	CISCO	4 OF 5							

