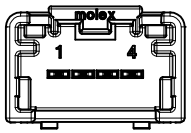
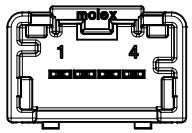


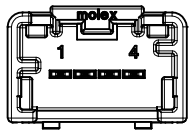
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A



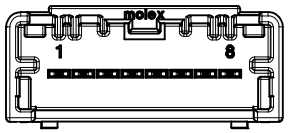
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B



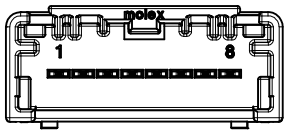
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C



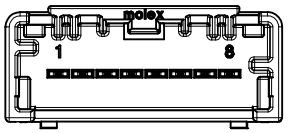
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION D



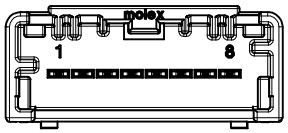
8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A



8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B



8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C



8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION D

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
   a. APPLICATION SPECIFICATION SEE: AS-34791-020
   b. PRODUCT SPECIFICATION SEE: PS-34791-020
   c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-440
   d. SOLDERABILITY PER SMES-152
   e. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
   f. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
   g. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
   h. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

2. DESIGN - MATERIALS:
   a. SHROUD (PLASTIC HOUSING): SPS 30% GF, 20% REGRIND MAX PER WEIGHT
   b. BLADES:
      BASE METAL: C260 BRASS
      PLATING REQUIREMENTS:
      TIN OVER NICKEL:
      UNDERPLATING:
      OVERALL NICKEL
      OVERPLATING:
      OVERALL TIN

3. DESIGN - GEOMETRY:
   a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
   b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
   c. GENERAL TOLERANCES:
      LINEAR: SEE TITLE BLOCK
      ANGULAR: ±3°
   d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
   e. CORNERS SHOWN AS SHARP TO BE R 0.1 MAX
   f. LETTERING SHALL BE 0.10 MAX RAISED. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, AND CIRCUIT ID.

MINI50 VERTICAL HEADER ASSEMBLIES

MATERIAL NUMBER		CIRCUIT	POL	COLOR	BLADE PLATING	MATING COMPONENT
TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440					
34792-9040	34792-0040	4	A	BLACK	TIN OVER NICKEL	34791-0040
34792-9041	34792-0041	4	B	GRAY	TIN OVER NICKEL	34791-0041
34792-9042	34792-0042	4	C	BROWN	TIN OVER NICKEL	34791-0042
34792-9043	34792-0043	4	D	GREEN	TIN OVER NICKEL	34791-0043
34792-9080	34792-0080	8	A	BLACK	TIN OVER NICKEL	34791-0080
34792-9081	34792-0081	8	B	GRAY	TIN OVER NICKEL	34791-0081
34792-9082	34792-0082	8	C	BROWN	TIN OVER NICKEL	34791-0082
34792-9083	34792-0083	8	D	GREEN	TIN OVER NICKEL	34791-0083

LAST BALLOON ON DRAWING:
⑧
DELETED BALLOONS:

REMOVED SILVER
EC NO: UAU2011-0778 2011/03/14
DRWN:TMACHUGA
CH'KD:
APPR:SMARCEAU 2011/04/01
DESCRIPTION
REV

A2

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.2	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JDUNAJ DATE: 2010/06/24
CHECKED BY: BDICK DATE: 2010/06/24
APPROVED BY: SMARCEAU DATE: 2010/07/13

TITLE: MINI50 SINGLE ROW VERTICAL ASSEMBLY SALES DRAWING

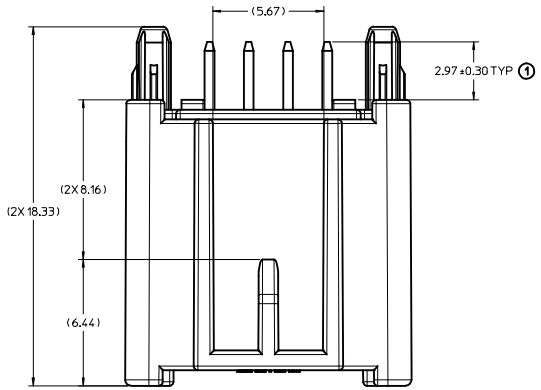
MOLEX INCORPORATED

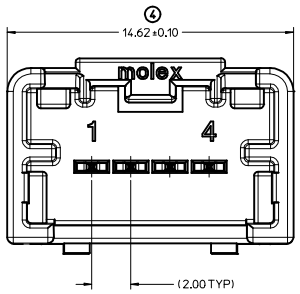
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-34792-000
SHEET NO.: 1 OF 2

SIZE: D

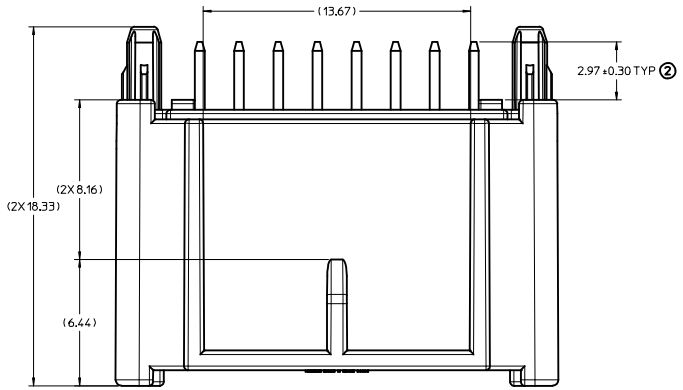
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

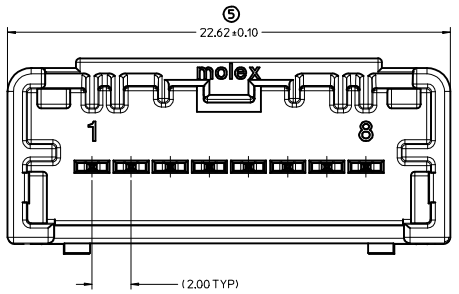
4 CKT VERTICAL HEADER



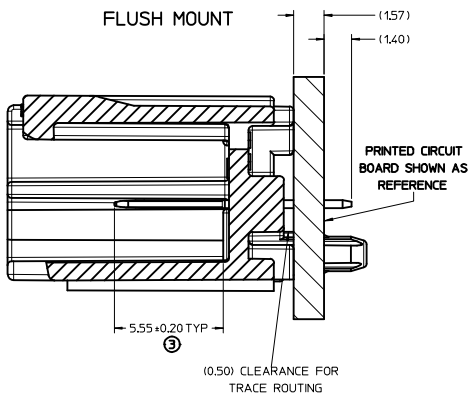


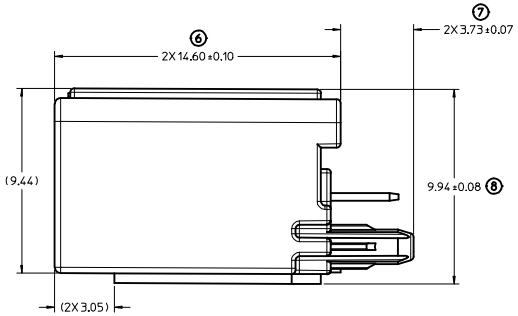
8 CKT VERTICAL HEADER





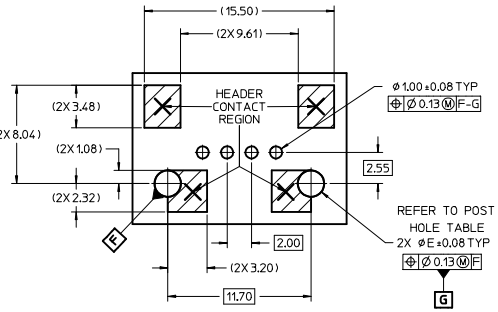
HEADER TO PCB FLUSH MOUNT

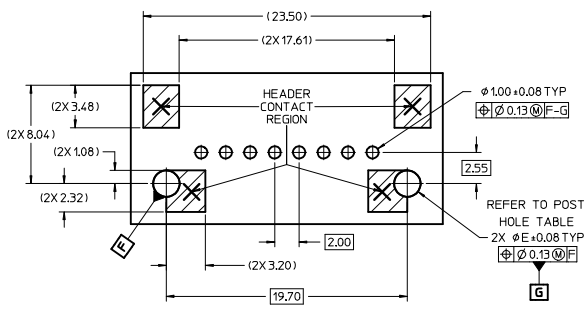




PCB LAYOUT

CONNECTOR MATE SIDE





POST HOLE TABLE

	DIM 'E'
PRESS FIT	2.15
DROP IN	2.55

REMOVED SILVER
EC NO: UAU2011-0778 2011/03/14
DRWN: TMACHUGA
CH'KD:
APPR: SMARCEAU 2011/04/01
DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0
▽=0

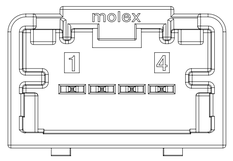
GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.2	± ---
ANGULAR	±---°	

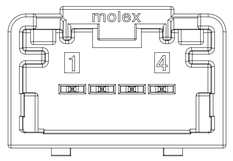
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	8:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	JDUNAJ
DATE	2010/06/24
CHECKED BY	BDICK
DATE	2010/06/24
APPROVED BY	SMARCEAU
DATE	2010/07/13
MATERIAL NO.	SEE TABLE
TITLE	MINI50 SINGLE ROW VERTICAL ASSEMBLY SALES DRAWING
	MOLEX INCORPORATED
DOCUMENT NO.	SD-34792-000
SHEET NO.	2 OF 2
SIZE	A2

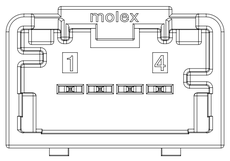
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



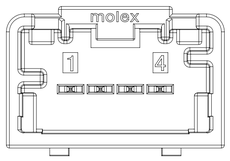
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A



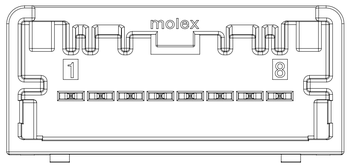
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B



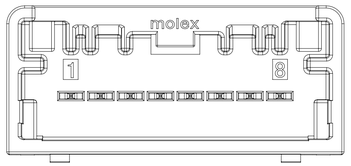
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C



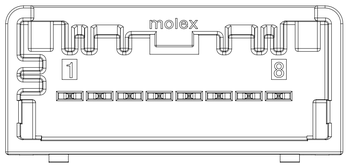
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION D



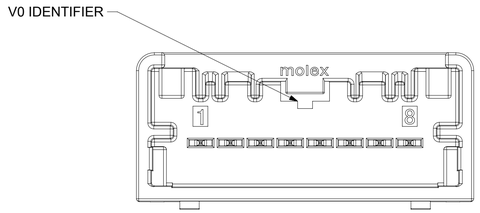
8 CIRCUIT USCAR VERTICAL HEADER
POLARIZATION OPTION A



8 CIRCUIT USCAR VERTICAL HEADER
POLARIZATION OPTION B



8 CIRCUIT USCAR VERTICAL HEADER
POLARIZATION OPTION C



8 CIRCUIT USCAR V0 VERTICAL HEADER
POLARIZATION OPTION A

MINI50 VERTICAL HEADER ASSEMBLIES

MATERIAL NUMBER			CONFIGURATION	FLAMMABILITY	CIRCUITS	VOIDED CIRCUITS	POL	COLOR	BLADE PLATING	MATING COMPONENT	
TAPE AND REEL PACKAGING PK-47799-0001	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440								UN-BRIDGED	BRIDGED
34792-8040	34792-9040	34792-0040	USCAR	HB	4	N/A	A	BLACK	TIN	34791-0040	34791-0140
34792-8041	34792-9041	34792-0041	USCAR	HB	4	N/A	B	GRAY	TIN	34791-0041	34791-0141
34792-8042	34792-9042	34792-0042	USCAR	HB	4	N/A	C	DARK GRAY	TIN	34791-0042	34791-0142
34792-8043	34792-9043	34792-0043	USCAR	HB	4	N/A	D	GREEN	TIN	34791-0043	34791-0143
34792-8080	34792-9080	34792-0080	USCAR	HB	8	N/A	A	BLACK	TIN	34791-0080	34791-0180
N/A	N/A	34792-0085	USCAR	HB	8	2,3,6,7					
34792-8081	34792-9081	34792-0081	USCAR	HB	8	N/A	B	GRAY	TIN	34791-0081	34791-0181
N/A	N/A	34792-2081	USCAR	HB	8	2,3,6,7					
34792-8082	34792-9082	34792-0082	USCAR	HB	8	N/A	C	DARK GRAY	TIN	34791-0082	34791-0182
N/A	N/A	34792-0086	USCAR	HB	8	2,3,4,5,6,7	A	BLACK	TIN	34791-0080	34791-0180
N/A	N/A	34792-0087	USCAR	HB	8	2,3,4,5,6,7	B	GRAY	TIN	34791-0081	34791-0181
215424-8080	215424-9080	215424-0080	USCAR	V0	8	N/A	A	BLACK	TIN	34791-0080	34791-0180
215424-8081	215424-9081	215424-0081	USCAR	V0	8	N/A	B	GRAY	TIN	34791-0081	34791-0181
215424-8082	215424-9082	215424-0082	USCAR	V0	8	N/A	C	DARK GRAY	TIN	34791-0082	34791-0182

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
   a. APPLICATION SPECIFICATION SEE: AS-34791-020
   b. PRODUCT SPECIFICATION SEE: PS-34791-020
   c. PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE CHART
   d. SOLDERABILITY PER SMES-152
   e. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
   f. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
   g. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
   h. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

2. DESIGN - MATERIALS:
   a. SHROUD (PLASTIC HOUSING): SPS 30% GF, 20% REGRIND MAX PER WEIGHT
   b. BLADES:
      BASE METAL: C260 BRASS
      PLATING REQUIREMENTS:
      TIN OVER NICKEL:
      UNDERPLATING:
      OVERALL NICKEL
      OVERPLATING:
      OVERALL TIN

3. DESIGN - GEOMETRY:
   a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
   b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009
   c. GENERAL TOLERANCES:
      LINEAR: SEE TITLE BLOCK
      ANGULAR: ±3°
   d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
   e. CORNERS SHOWN AS SHARP TO BE R 0.1 MAX
   f. LETTERING SHALL BE 0.10 MAX RAISED. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, AND CIRCUIT ID.
   g. USCAR INTERFACE:
      4 WAY: 050-U-004-1-ZXX
      8 WAY: 050-U-008-1-ZXX

INSPECTION BALLON NUMBER LOG
PER DRAWING REVISION: G7
LAST BALLOON USED: 17
ADDED BALLOON NUMBERS: 16, 17
REMOVED BALLOON NUMBERS: 4

REV	DESCRIPTION
G7	Sheet 2: Corrected Dims 7 and 9
G6	ADDED NOTE 3g ON SHEET 1
G5	ADDED V0 PNs TO BOM AND V0 VIEW TO SHEET 1
G4	DRAWING REMASTERED
G3	UPDATED RELEASE TABLE; ADDED PIN TP SHEET 3
G2	ADDED P/N 34792-0085; -0086; -0087; ADDED PIN TP SHEET 2
G1	NX REMASTERING

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

EC NO: 645743
DRWN: SRUSS 2020/09/18
CHK'D: JDUNAJ 2020/09/21
APPR: JDUNAJ 2020/09/21

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.1
1 PLACE ± 0.2
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM ONLY
SCALE: 5:1
DRWN BY: JDUNAJ DATE: 2010/06/24
CHK'D BY: BDICK DATE: 2010/06/24
APPR BY: SMARCEAU DATE: 2011/11/21
DRAWING SIZE: D
THIRD ANGLE PROJECTION

molex®

MINI50 4-8CKT VERTICAL HDR SALES DRAWING

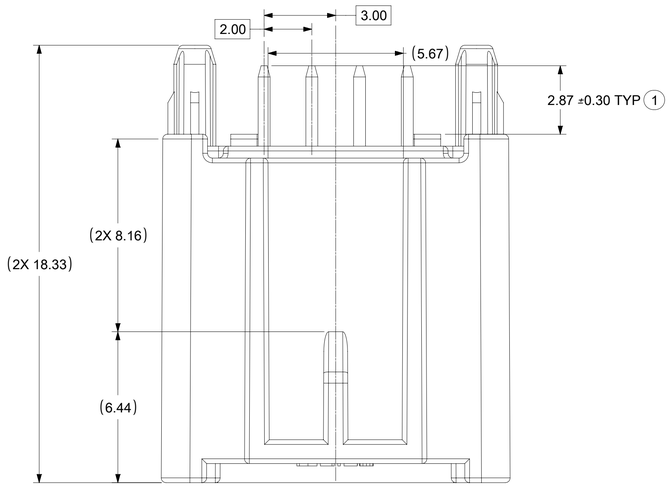
PRODUCT CUSTOMER DRAWING

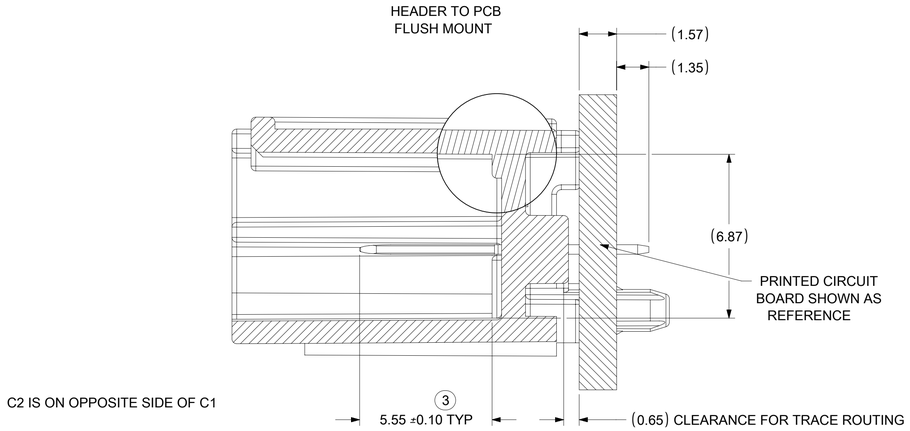
SERIES	MATERIAL NUMBER	CUSTOMER
34792	SEE TABLE	GENERAL MARKET

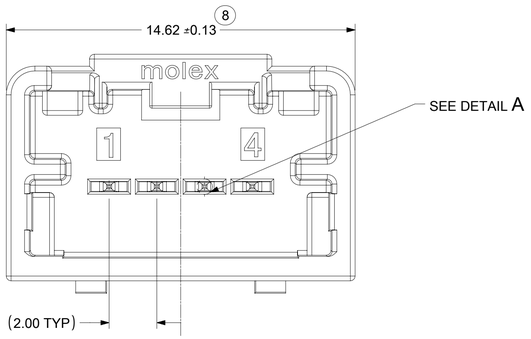
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-34792-001	PSD	001	1 OF 3

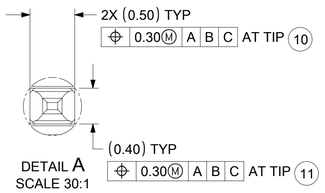
RELEASE STATUS	P1	RELEASE DATE	2020/09/21 16:32:34

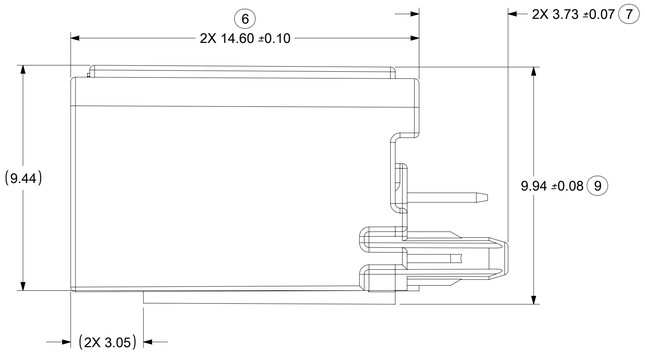
4 CKT VERTICAL HEADER





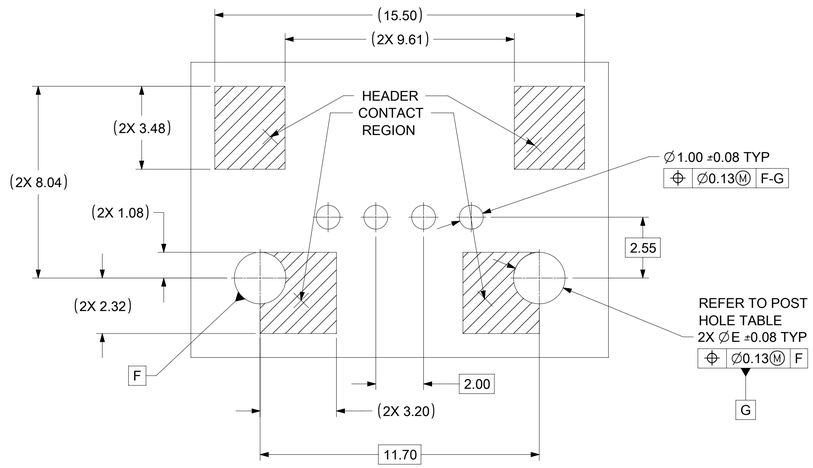






PCB LAYOUT

CONNECTOR MATE SIDE



POST HOLE TABLE

	DIM 'E'
PRESS FIT	2.15
DROP IN	2.55

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

EC NO: 645743 2020/09/18
DRWN: SRUSS 2020/09/21
CHK'D: JDUNAJ 2020/09/21
APPR: JDUNAJ

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.1
1 PLACE	± 0.2
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV G7

DIMENSION UNITS: MM ONLY
SCALE: 8:1
DRWN BY: JDUNAJ DATE: 2010/06/24
CHK'D BY: BDICK DATE: 2010/06/24
APPR BY: SMARCEAU DATE: 2011/11/21
DRAWING SIZE: D
THIRD ANGLE PROJECTION

molex®

MINI50 4-8CKT VERTICAL HDR SALES DRAWING

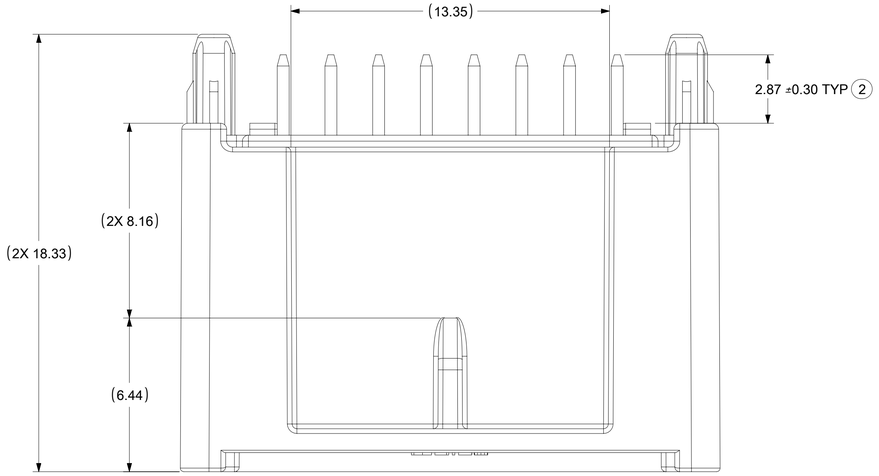
PRODUCT CUSTOMER DRAWING

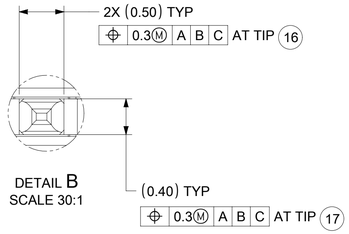
SERIES	MATERIAL NUMBER	CUSTOMER
34792	SEE TABLE	GENERAL MARKET

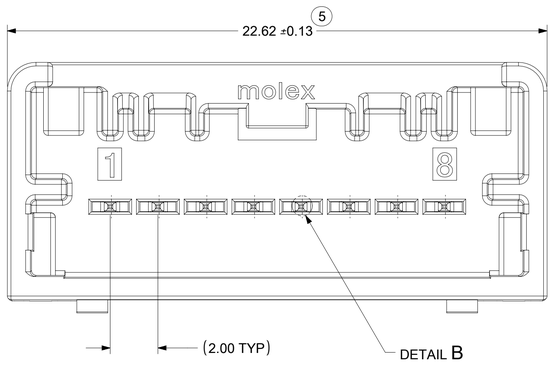
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-34792-001	PSD	001	2 OF 3

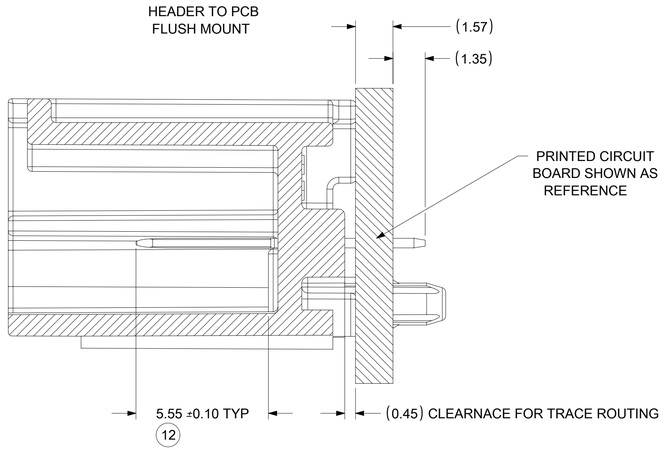
RELEASE STATUS	P1	RELEASE DATE	2020/09/21 16:32:34

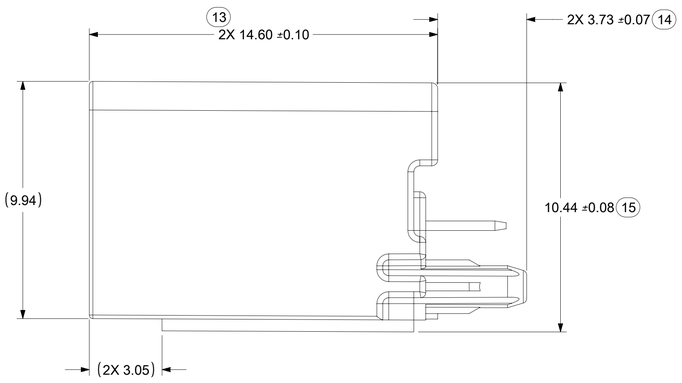
8 CKT VERTICAL HEADER





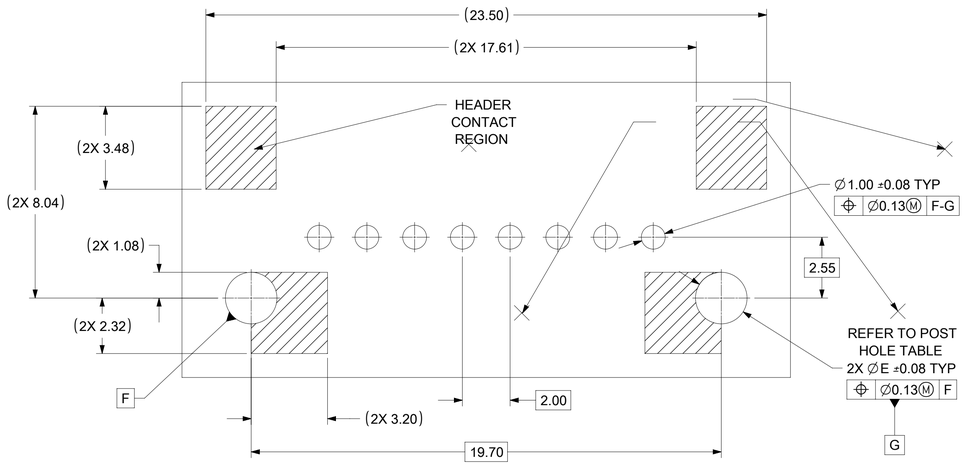






PCB LAYOUT

CONNECTOR MATE SIDE



POST HOLE TABLE

	DIM 'E'
PRESS FIT	2.15
DROP IN	2.55

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

EC NO: 645743 2020/09/18
DRWN: SRUSS 2020/09/21
CHK'D: JDUNAJ 2020/09/21
APPR: JDUNAJ

REV: G7

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.1
1 PLACE	± 0.2
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM ONLY
SCALE: 8:1
DRWN BY: JDUNAJ DATE: 2010/06/24
CHK'D BY: BDICK DATE: 2010/06/24
APPR BY: SMARCEAU DATE: 2011/11/21
DRAWING SIZE: D
THIRD ANGLE PROJECTION

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MINI50 4-8CKT VERTICAL HDR SALES DRAWING

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
34792	SEE TABLE	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-34792-001	PSD	001	3 OF 3

RELEASE STATUS	P1	RELEASE DATE	2020/09/21 16:32:34

FORMAT: Molex Brand D
REVISION: G
DATE: 2017/05/04