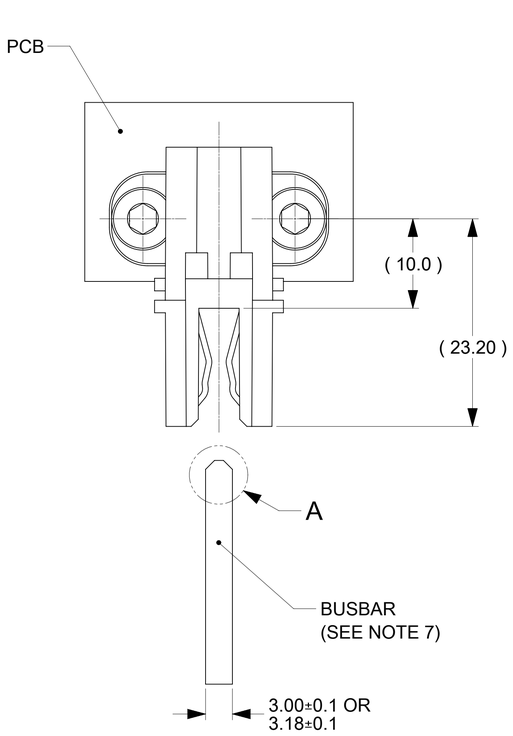
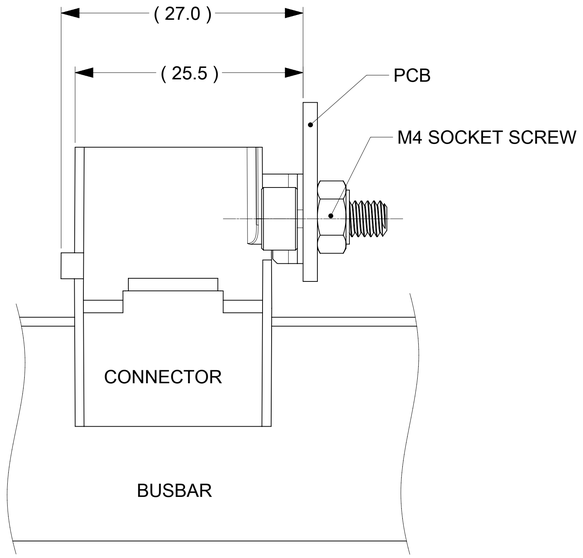
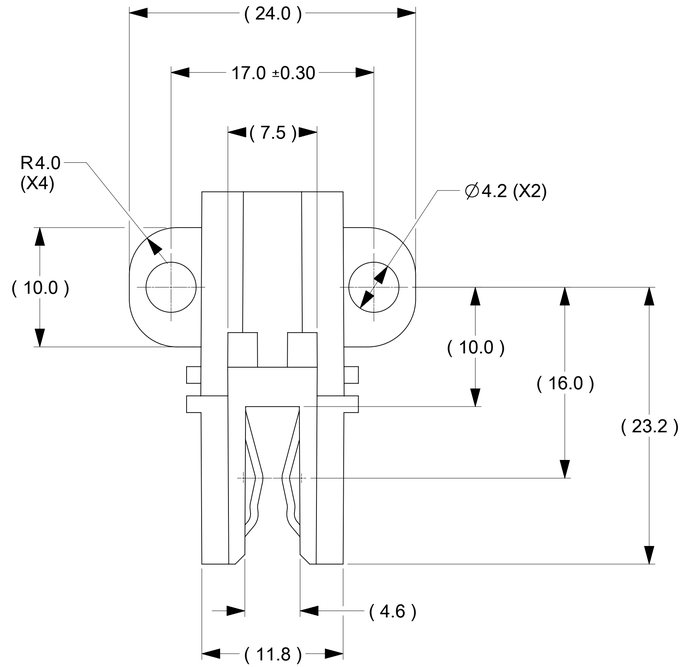
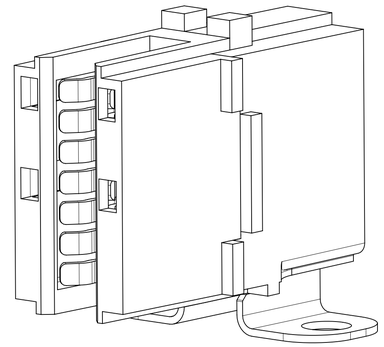
PART NUMBER	PLATING ON THE CONTACT AREAS
213191-0001	SILVER OVER NICKEL
213191-0101	TIN OVER NICKEL

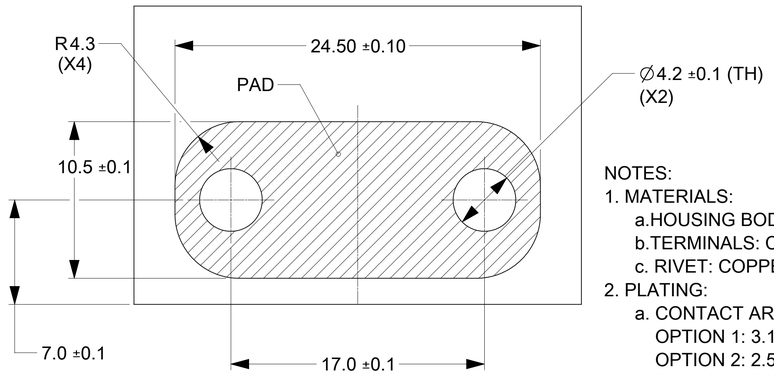




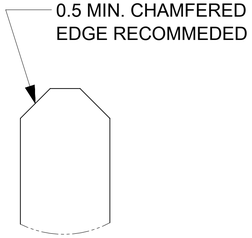




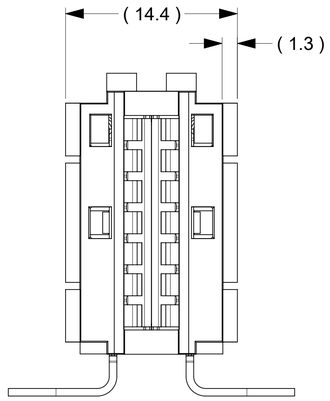
PCB, BUSBAR, SCREWS AND NUTS
IN THESE VIEWS ARE SHOWN FOR REFERENCE ONLY

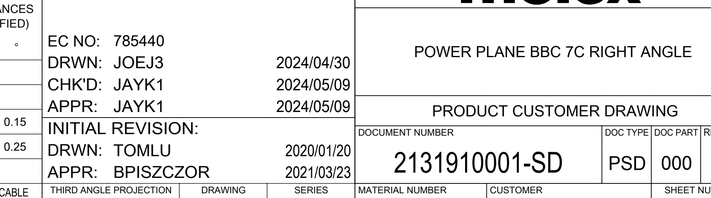


RECOMMENDED PCB LAYOUT



DETAIL A
SCALE 10:1





NOTES:
1. MATERIALS:
   a.HOUSING BODY: POLYMER. UL94V-0; BLACK.
   b.TERMINALS: COPPER ALLOY.
   c. RIVET: COPPER ALLOY.
2. PLATING:
   a. CONTACT AREAS:
      OPTION 1: 3.18 MICRON MIN. SILVER, OVER 1.27 MICRON MIN. NICKEL.
      OPTION 2: 2.50 MICRON MIN. MATTE TIN OV34 1.27 MICRON MIN. NICKEL
   b. TAB AREAS:3.18 MICRON MIN. TIN OVER 1.27 MICRON MIN. NICKEL.
   c. REST: 1.27 MICRON MIN. NICKEL.
3. LUBRICATION: LUBED IN CONTACT AREA.
4. REFERENCE DOCUMENT:
   a. SILVER VERSION: 2131910001-PS, 2131910001-AS.
   b. TIN VERSION: 2131910002-PS, 2131910001-AS.
5. MODULE ASSEMBLY IS RoHS COMPLIANT.
6. FINAL ASSEMBLY TO BE PACKAGED AND LABELED PER PACKAGING DRAWING NUMBER 2131910001-PK.
7. MATED BUSBAR SHOULD BE PLATED WITH SILVER OVER NICKEL FOR SILVER VERSION CONNECTOR AND TIN OVER NICKEL FOR TIN VERSION CONNECTOR.

SYMBOLS	
A = 0	
E = 0	
E = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
= 0	

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

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 785440
DRWN: JOEJ3 2024/04/30
CHK'D: JAYK1 2024/05/09
APPR: JAYK1 2024/05/09

INITIAL REVISION:
DRWN: TOMLU 2020/01/20
APPR: BPISZCZOR 2021/03/23

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 213191

molex

POWER PLANE BBC 7C RIGHT ANGLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2131910001-SD	PSD	000	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2131910001		1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2024/05/09 15:44:37