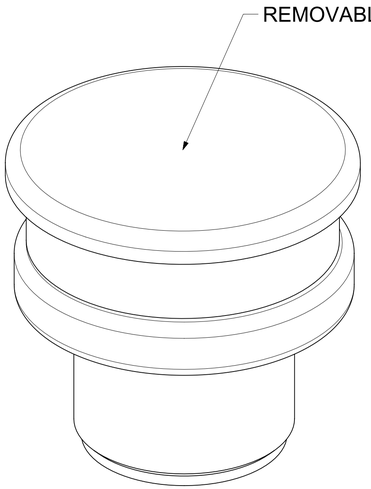
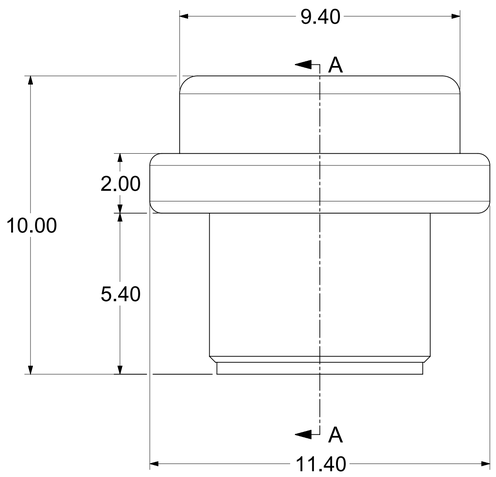
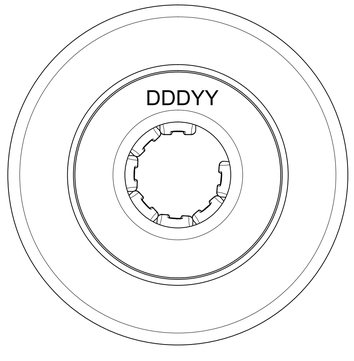
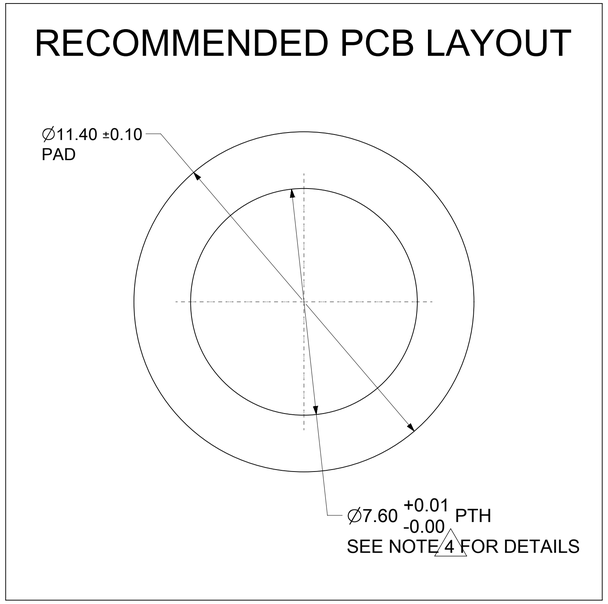
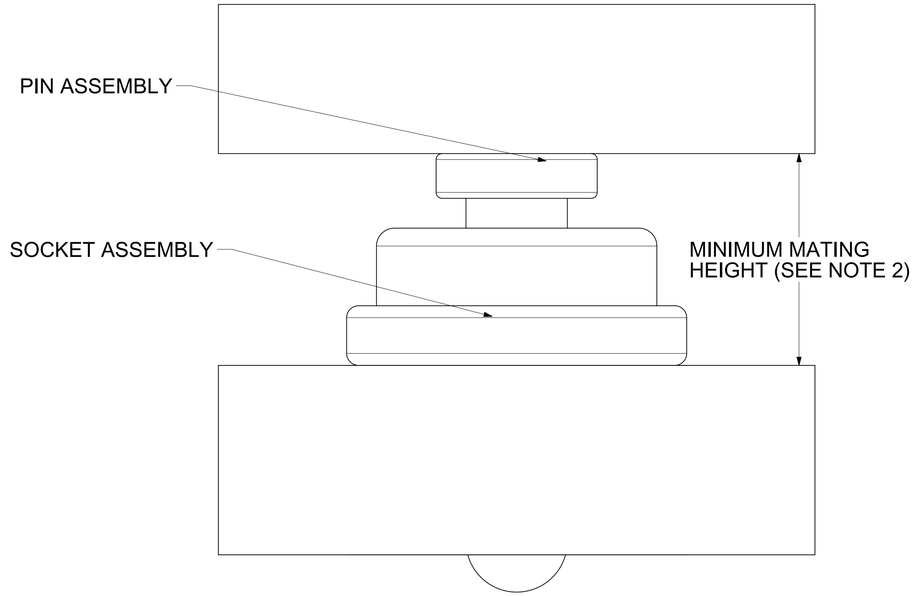




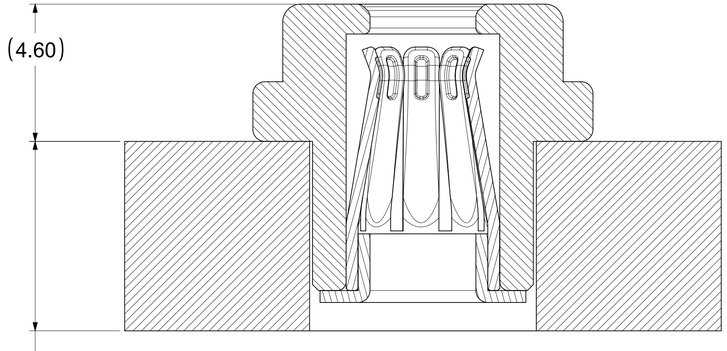


RECOMMENDED PCB LAYOUT





MATING PROFILE



SECTION A-A

NOTES:
1. MATERIALS:
   RETENTION CAP: STAINLESS STEEL
   PICK AND PLACE CAP: LCP UL94, V-0 COLOR BLACK
   BASE METAL: HIGH CONDUCTIVE COPPER ALLOY
   PLATING ON CONTACTS: 0.75 MICRON MIN GOLD OVER 1.27 MICRON MIN NICKEL
   PLATING ON BODY: 3.18 MICRON MIN SILVER OVER 1.27 MICRON MIN NICKEL
2. MATES WITH THE STANDARD PIN DRAWINGS:
   i. 3.4MM SMT DRAWING 2032631134-SD, MIN. MATE DISTANCE 7.35MM
   ii. 3.4MM PRESS FIT DRAWING 2032630034-SD, MIN. MATE DISTANCE 7.10MM
   iii. 3.4MM SCREW MOUNT DRAWING 2032638034-SD, MIN. MATE DISTANCE 10.10MM
3. PRODUCT SPECIFICATION: 2043130018-PS
4. APPLICATION SPECIFICATION: 2043130018-AS.
   SEE APPLICATION SPEC FOR SOLDERING INFORMATION.
5. PACKAGING SPECIFICATION: 2043180018-PK.
6. SILVER COMPONENTS WILL BE SUPPLIED TARNISH FREE BUT MAY TARNISH OVER TIME.
7. PICK AND PLACE CAP TO BE REMOVED AFTER SOLDERING
8. DATE CODE TO BE LASER MARKED APPROXIMATELY WHERE SHOWN USING DDDYY FORMAT

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED THE TITLE BLOCK

EC NO:	747243	
DRWN:	SACHIK7	2023/02/28
CHK'D:	SCS02	2023/04/25
APPR:	HTHYAGARAJ	2023/04/26
INITIAL REVISION:		
DRWN:	FCSOO	2018/08/21
APPR:	BPISZCZOR	2019/05/30

molex

3.4MM SENTRALITY TOP ENTRY SMT STANDARD SOCKET IN TRAY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2043180018-SD	PSD	000	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	204318	2043180018	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/08	05:38:47