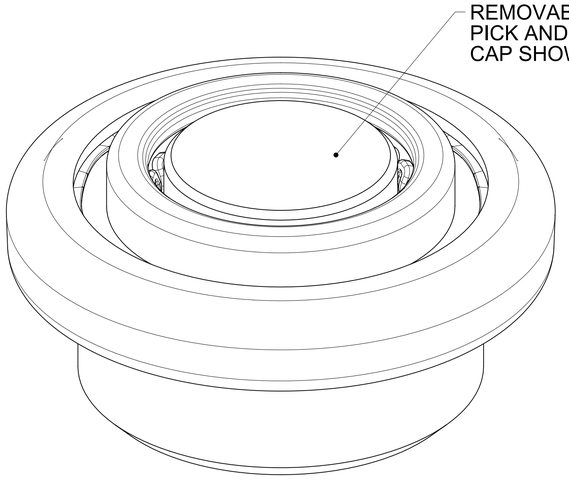
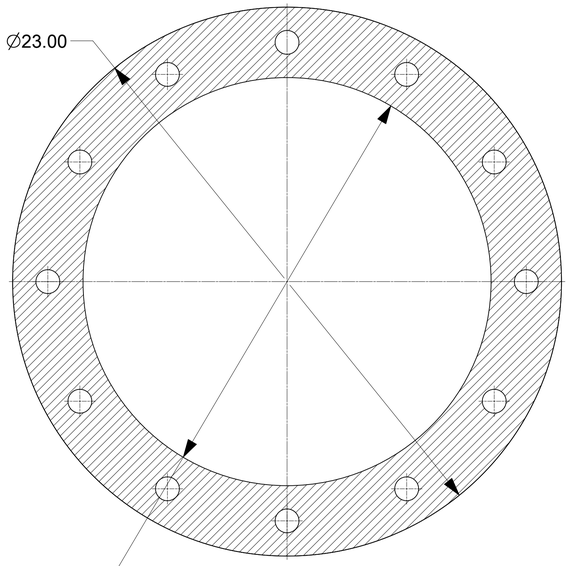
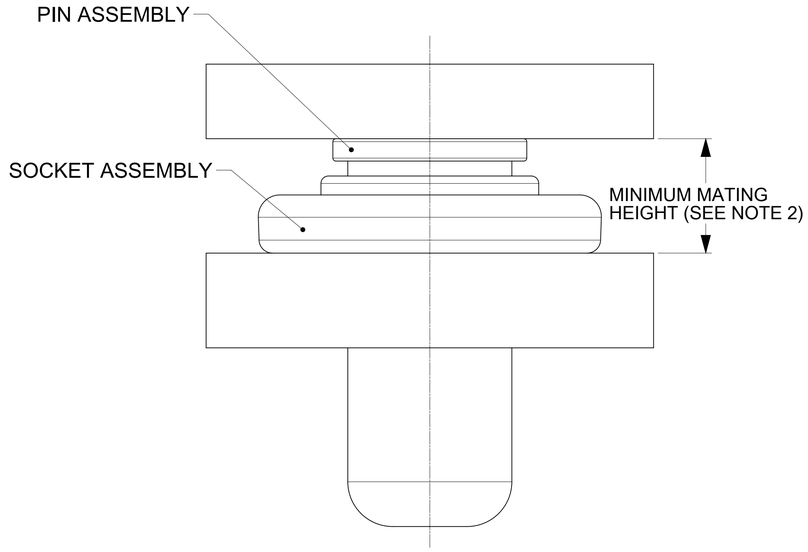
PART NUMBER	DIM "H"	NOTE
213880-0001	5.17 ± 0.3	

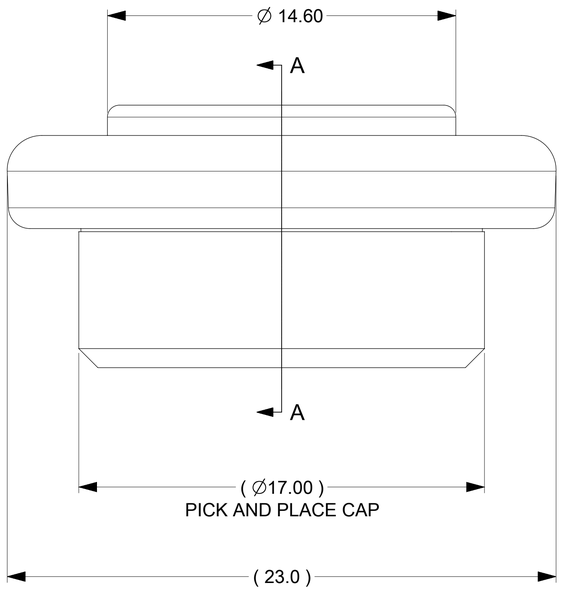


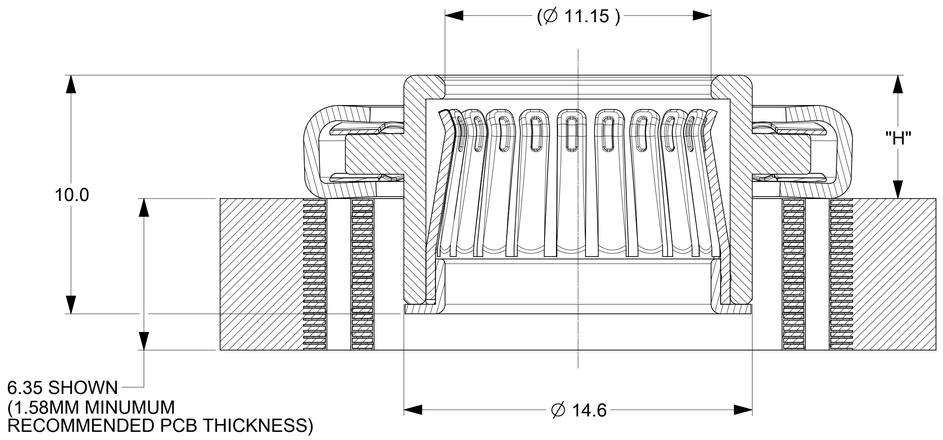
RECOMMENDED PCB LAYOUT





MATING PROFILE





SECTION A-A
(PICK AND PLACE CAP NOT SHOWN)

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 MOLEX 11MM MALE PIN:
   i. 11.0MM SMT MALE PIN DRAWING 213901-0000-SD, MIN. MATING DISTANCE 7.32MM
   ii. 11.0MM PRESS FIT MALE PIN DRAWING 213900-0000-SD, MIN. MATING DISTANCE 7.67MM
   iii. 11.0MM SCREW MOUNT MALE PIN DRAWING 213902-0000-SD MIN. MATING DISTANCE 10.67MM
3. PRODUCT SPECIFICATION: 2138800001-PS
4. APPLICATION SPECIFICATION: 2138800001-AS
   SEE APPLICATION SPEC FOR SOLDERING INFORMATION.
5. PACKAGING SPECIFICATION: 2138800001-PK(TAPE AND REEL)
6. SILVER COMPONENTS WILL BE SUPPLIED TARNISH FREE BUT MAY TARNISH OVER TIME.
7. PICK AND PLACE CAP TO BE REMOVED AFTER SOLDERING. CAP TO BE PUSHED OUT OF BOTTOM FROM THE TOP.

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

DIMENSION UNITS	mm
SCALE	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: RETENTION CAP MATERIAL ADDED IN NOTES

EC NO:	714555	
DRWN:	SOURAJ	2022/07/11
CHK'D:	SCS02	2022/08/16
APPR:	JJONIAK	2022/08/16
INITIAL REVISION:		
DRWN:	TOMLU	2019/08/08
APPR:	BPISZCZOR	2020/10/19

molex

11.0MM CST W/1.0 FLOAT (SMT)
PACKED IN TAPE AND REEL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2138800000-SD	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	213880	SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/08/16 14:23:58