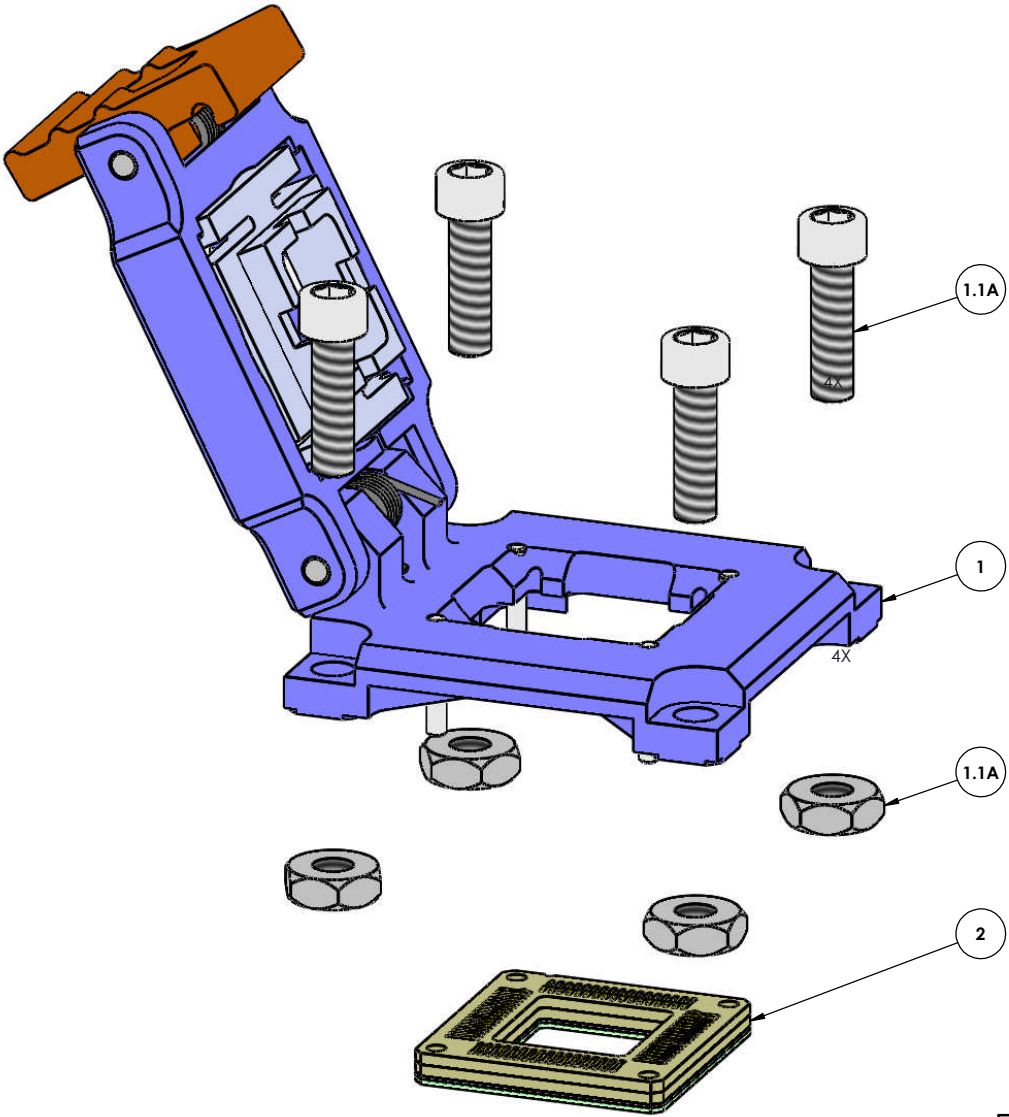


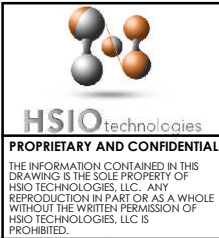
REV	ECO	BY	DESCRIPTION	APV	DATE
A	31366	PVW	Initial Design	MP	09/25/13



- Notes:
1. Latches to move freely and return to closed position when released.
 2. Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
 3. Footprint part number is 103036-0001.
 4. Dimension locates center line of contact.
 5. Minimum force applied to device at test is 2720g.
 6. Socket is RoHS compliant.
 7. Contact tip position (tip is defined as the highest point of the contact).
 8. In a mounted condition.

Parts List			
Item No.	Qty.	Part Number	Description
0	-	106458-0183	SCKT, 68PQFN10-0.50, HINGED, CUST
1	1	101082-0029	ASSY, L/F, QFN10, 1.80
1.1A	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
1.1B*	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4
2	1	106460-0186	CS, 68PQFN10-0.50, CUST

* Items not shown.



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DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: ± 1°
XX ±0.25
XXX ±0.10
XXXX ±0.050

INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
SEE BOM
FINISH
DO NOT SCALE DRAWING

NAME	DATE
DRAWN PVW	09/25/13
CHECKED MP	09/25/13

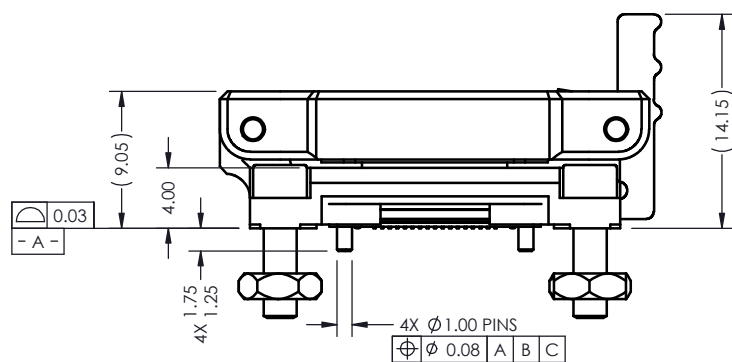
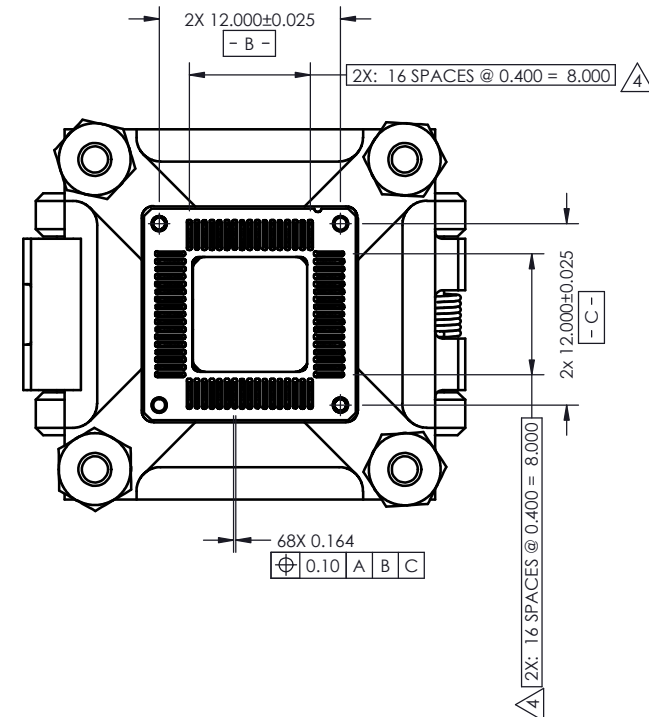
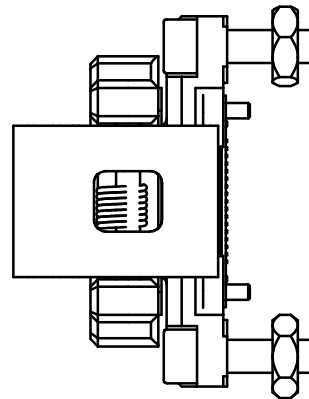
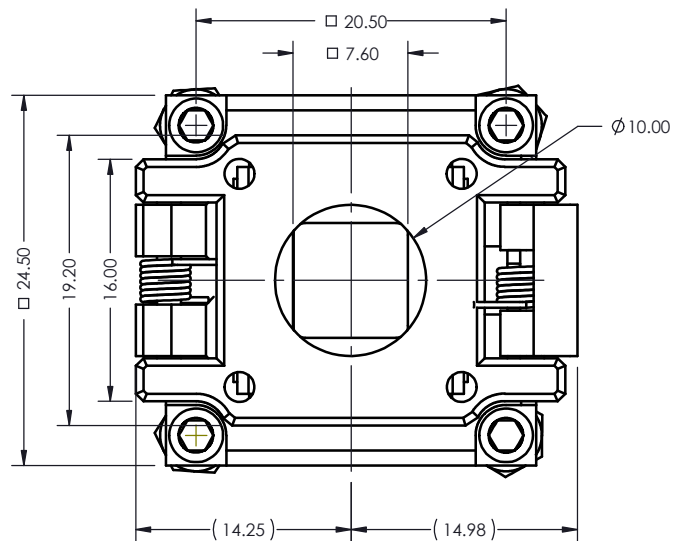
LEGEND:
△ NOTE CALLOUT
○ REVISION CHANGE
○ ITEM NUMBER

HSIO TECHNOLOGIES, LLC.
13300 67th AVENUE NORTH
MAPLE GROVE, MINNESOTA 55311
763-447-6260

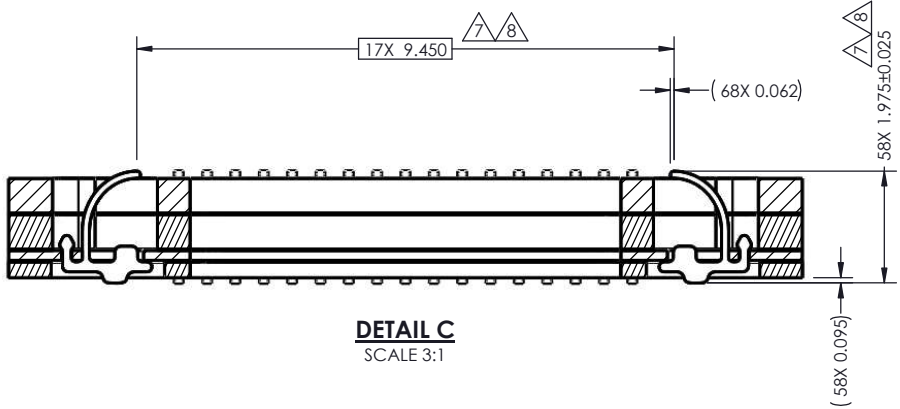
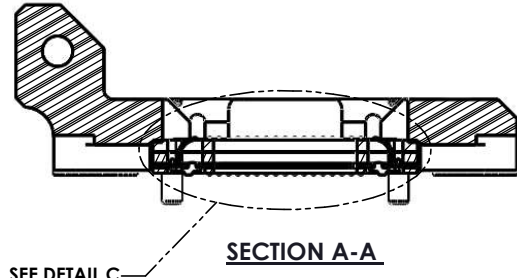
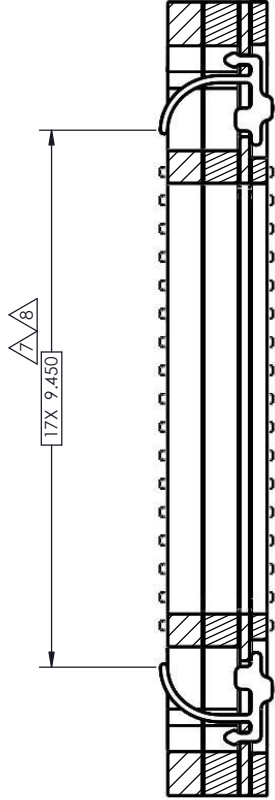
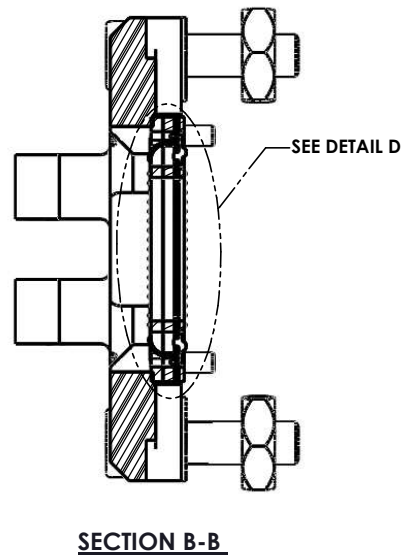
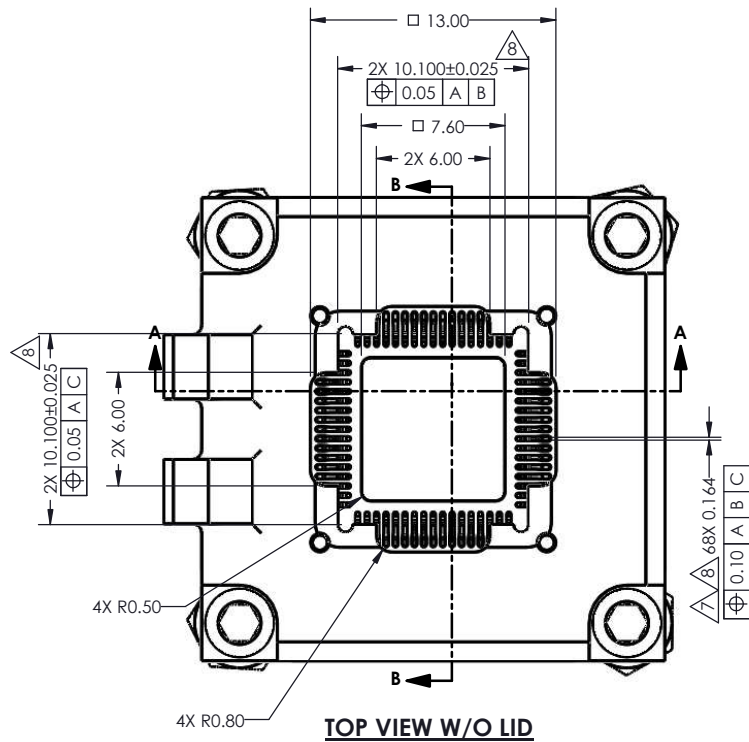
TITLE:
SCKT, 68PQFN10-0.50, HINGED

DWG. NO.	REV
106458-0183	A

SCALE: 2:1 | SIZE: C | SHEET 1 OF 4

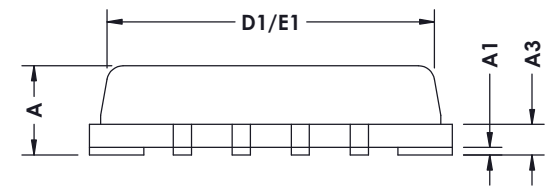
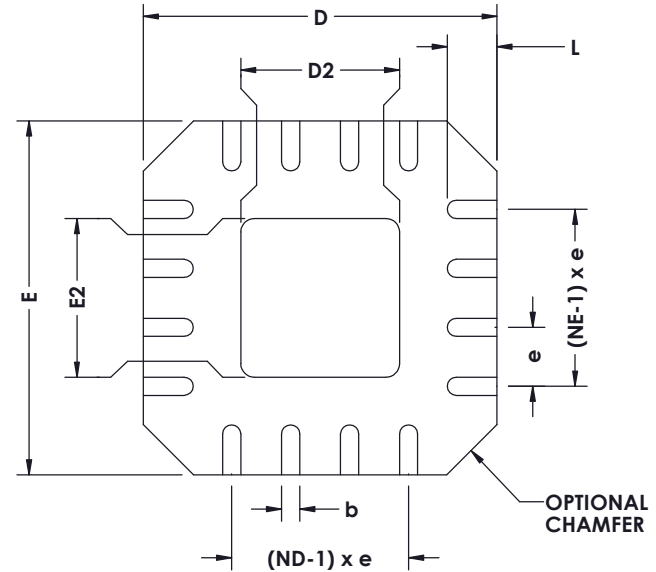
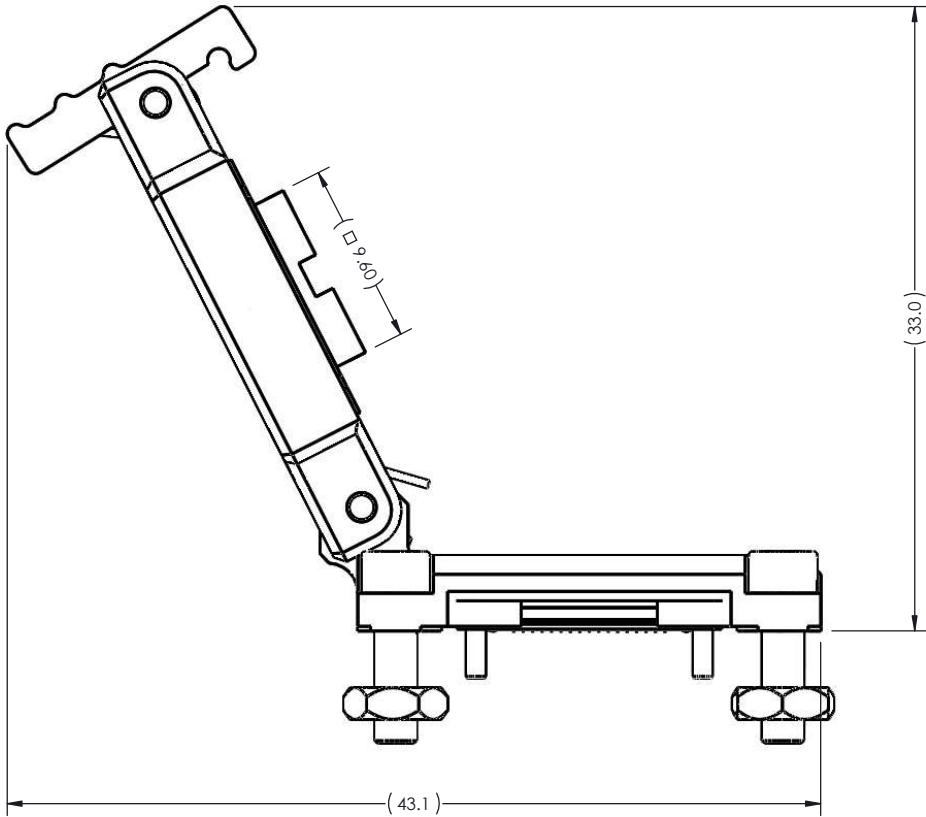


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DIMENSIONS ARE IN MILLIMETERS	DRAWN	PVW	13300 67th AVENUE NORTH
TOLERANCES:	CHECKED	MP	MAPLE GROVE, MINNESOTA 55311
ANGULAR: ± 1°			763-447-6260
XX ±0.25			TITLE:
XXX ±0.10			SCKT, 68PQFN10-0.50,
XXXX ±0.050			HINGED
LEGEND:			DWG. NO.
△ NOTE CALLOUT			REV
○ REVISION CHANGE	106458-0183		A
○ ITEM NUMBER			SCALE: 2:1
			SIZE: C
			SHEET 2 OF 4

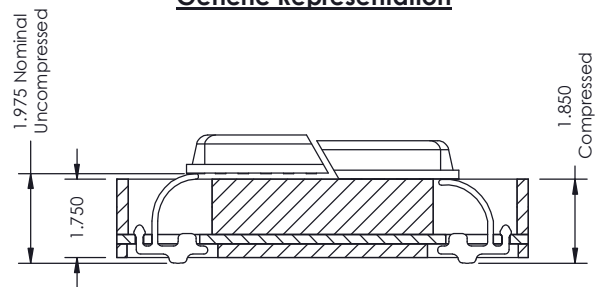


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DIMENSIONS ARE IN MILLIMETERS	DRAWN	PVW	
TOLERANCES:	CHECKED	MP	
ANGULAR: ± 1° XX ± 0.25 XXX ± 0.10 XXXX ± 0.050	TITLE: SCT, 68PQFN10-0.50, HINGED		DWG. NO. 106458-0183
LEGEND: △ NOTE CALLOUT ○ REVISION CHANGE ○ ITEM NUMBER			REV A
SCALE: 2:1		SIZE: C	SHEET 3 OF 4

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	68	
Lead Count X/Y	ND/NE	17	17
Device Type		QFN (MLP, MLF)	
Package Size	D/E	10.0±0.1*	10.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	9.0 min	9.0 min
Ground Pad	D2/E2	N/A	N/A
Package Height	A	0.65-1.00	
Pad Height	A1	0.00-0.05	
Substrate Height	A3	0.20 min	
Pad Width	b	0.20 min	
Pad Length	L	0.30 min	
All Dimensions are in millimeters			
* Due to the potential small size of the device pads, the device opening is 0.100±0.025 larger than D and E. At maximum material conditions maximum device size, minimum connector opening) there will be an interference fit. Contact Graphics for more details.			



Generic Representation



Generic Representation

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DIMENSIONS ARE IN MILLIMETERS	DRAWN	PVW		09/25/13
TOLERANCES: ANGULAR: ± 1° XX ±0.25 XXX ±0.10 XXXX ±0.050	CHECKED	MP		09/25/13
LEGEND:			TITLE:	
△ NOTE CALLOUT ○ REVISION CHANGE ○ ITEM NUMBER			SCKT, 68PQFN10-0.50, HINGED	
		DWG. NO.	REV	
		106458-0183	A	
		SCALE: 2:1	SIZE: C SHEET 4 OF 4	