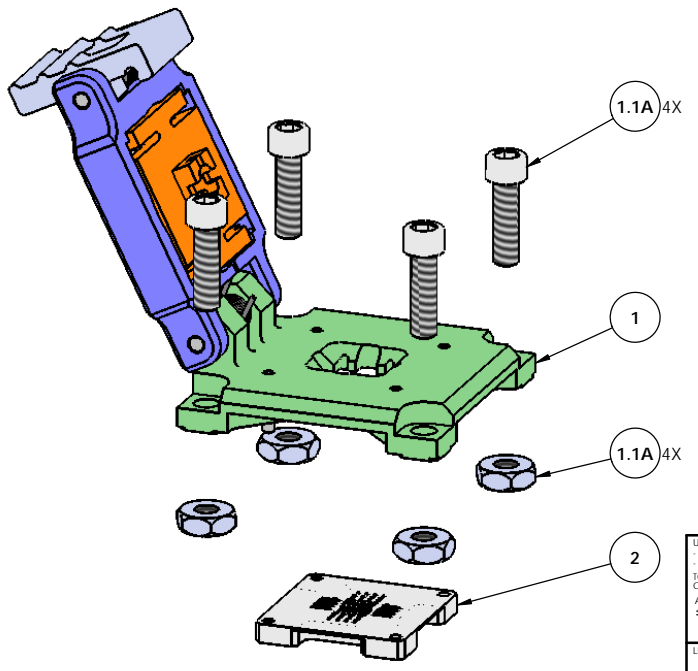
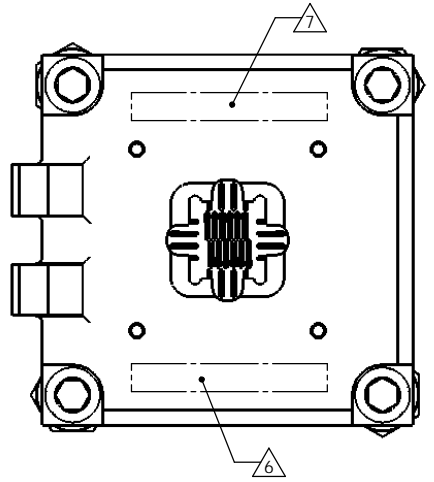
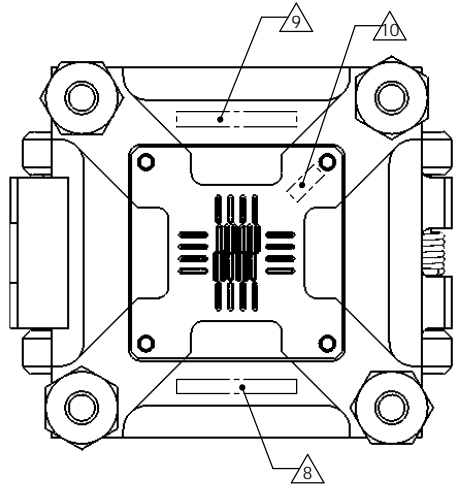
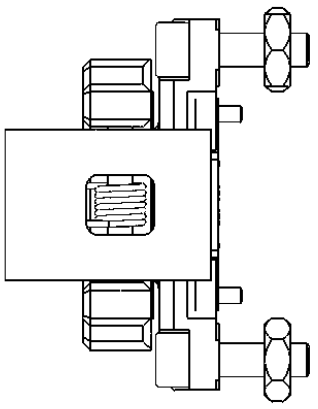
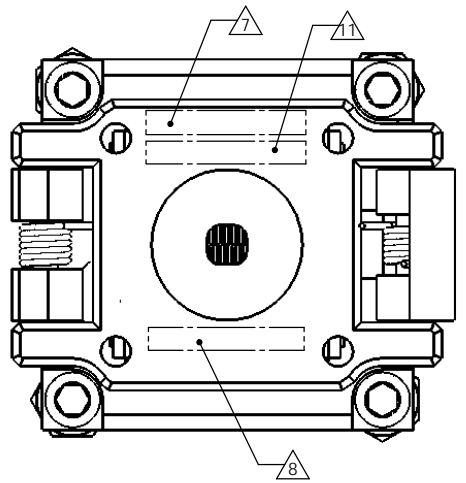


REV	ECO	BY	DESCRIPTION	APV	DATE
A	30426	AS	Initial Design	KW	06/21/10

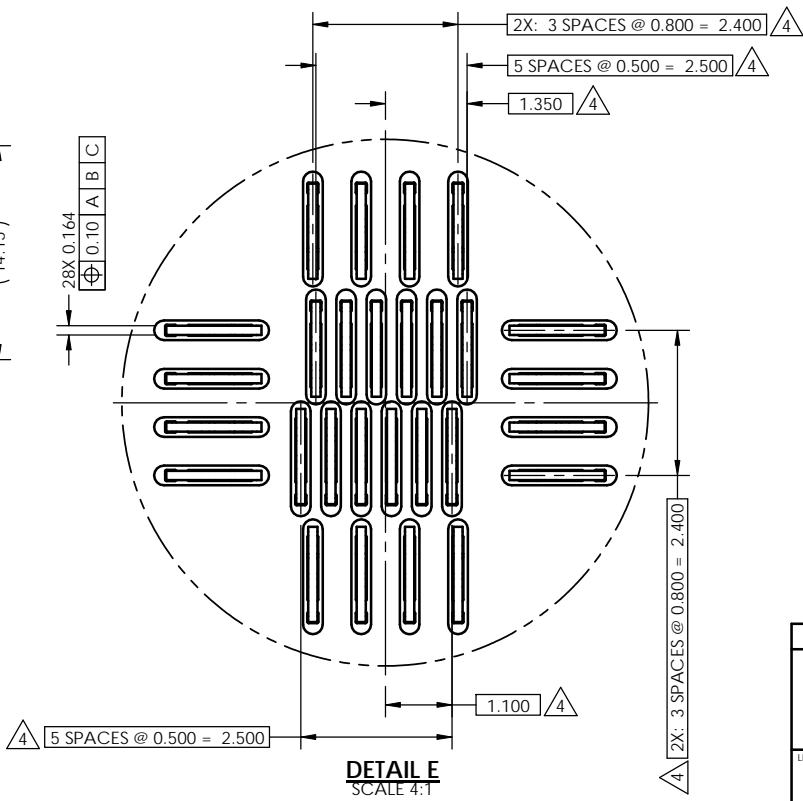
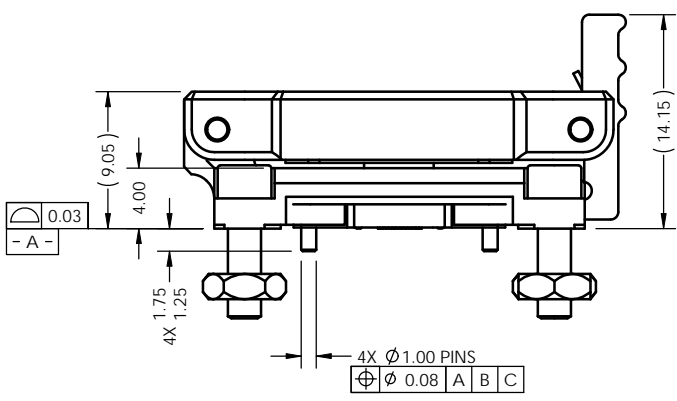
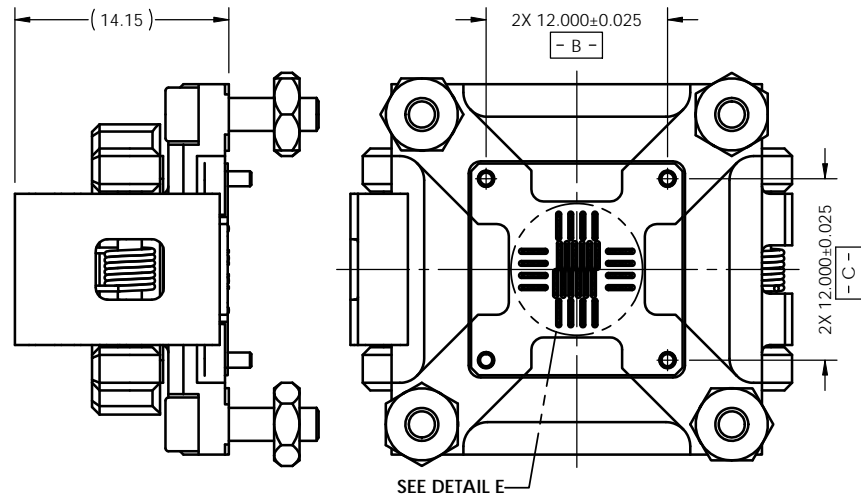
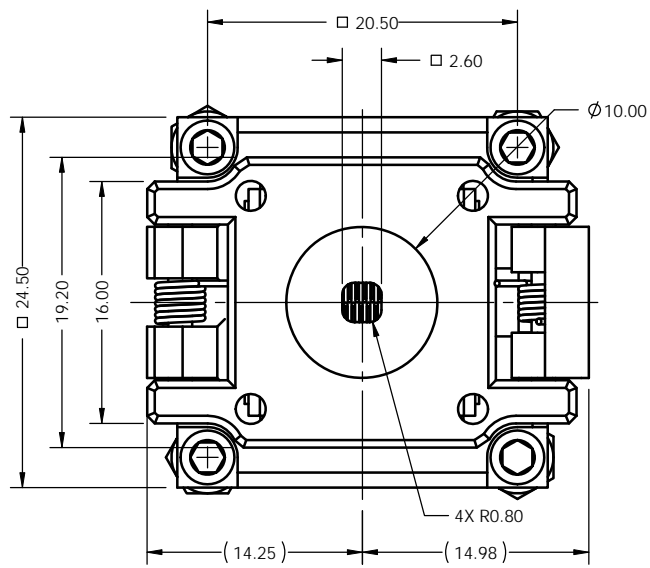


- Notes:
- Latches to move freely and return to closed position when released.
 - Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
 - Footprint part number is 100675-0001.
 - Dimension locates center line of contact.
 - Minimum force applied to device at test is 1120g.
 - Socket part number and rev level.
 - Company logo.
 - "MADE IN USA" and date code.
 - Frame part number and rev level.
 - Contact set part number and rev level (if room allows).
 - Customer part number.
 - Socket is RoHS compliant.
 - Contact tip position (tip is defined as the highest point of the contact).
 - In a mounted condition.

Parts List				
Item No.	Qty.	Part Number	Description	
0	-	106458-0134	SCKT, 16PQFN05-0.80, HINGED, CUST	
1	1	101082-0193	ASSY, L/F, PQFN05, 1.70	
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	106460-0134	CS, 16PQFN05-0.80, CUST	

* Items not shown.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES DECIMALS ±1° .XX ±0.25 XXX ±0.10 XXXX ±0.50		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, INC. IS PROHIBITED.	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
DRAWING APPROVALS		CASCAD E	
NAME A. Seibertlich	DATE 06/21/10	SCKT, 16PQFN05-0.80, HINGED	
APPROV K. Wilson	DATE 06/21/10		
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		THIRD ANGLE PROJECTION	SCALE C CALIFORNIA SOLIDWORKS
		SEE BOM	1 of 4



DETAIL E
SCALE 4:1

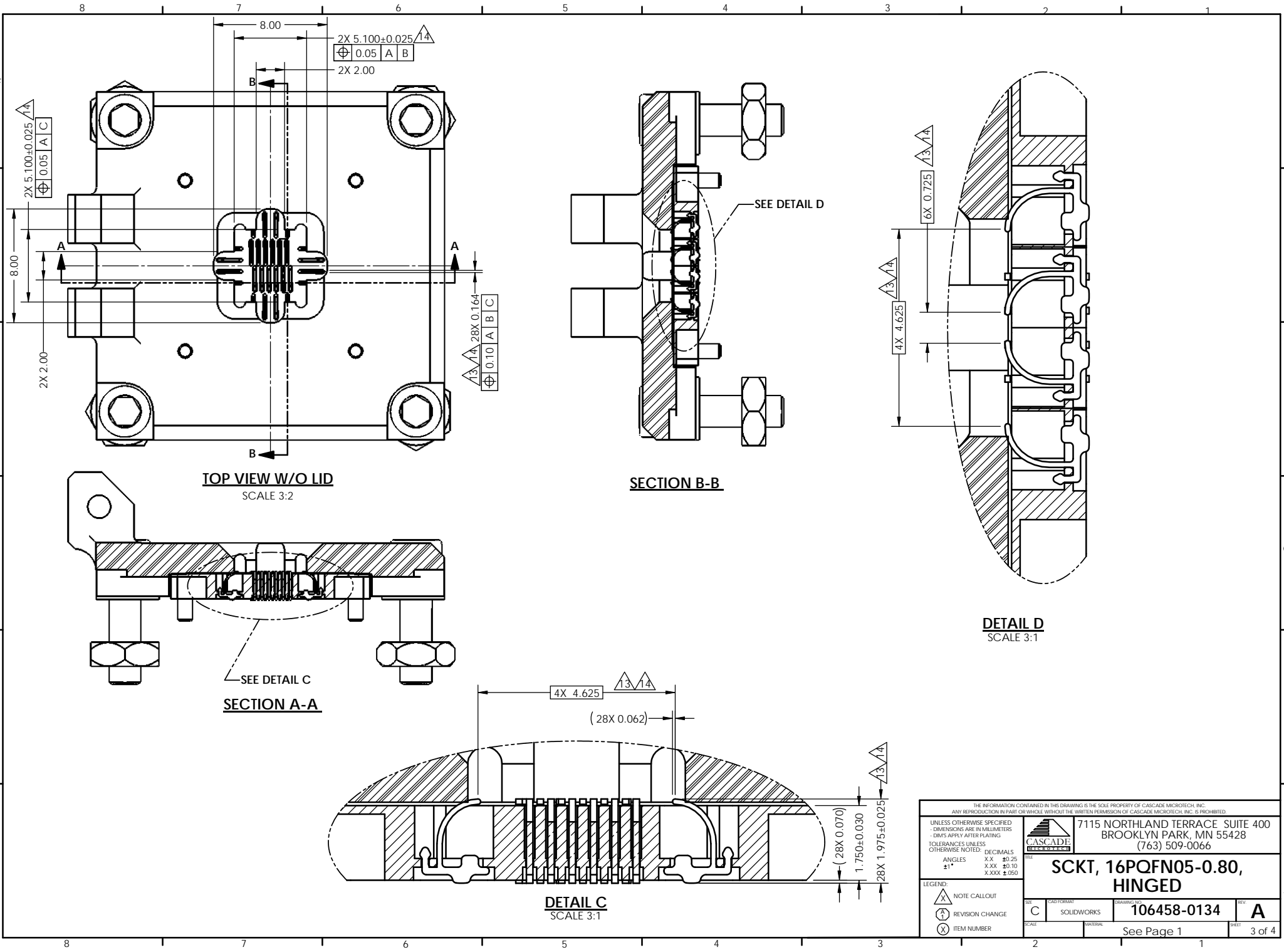
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UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN MILLIMETERS
- DIMS APPLY AFTER PLATING
TOLERANCES UNLESS OTHERWISE NOTED:

ANGLES	DECIMALS
±1°	X.X ±0.25
	X.XX ±0.10
	X.XXX ±0.050

LEGEND:
 (A) NOTE CALLOUT
 (B) REVISION CHANGE
 (C) ITEM NUMBER

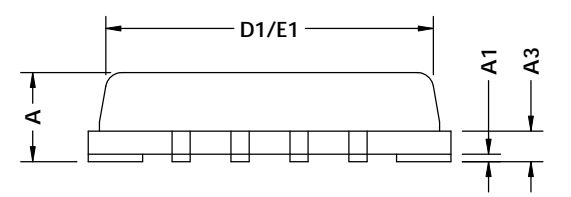
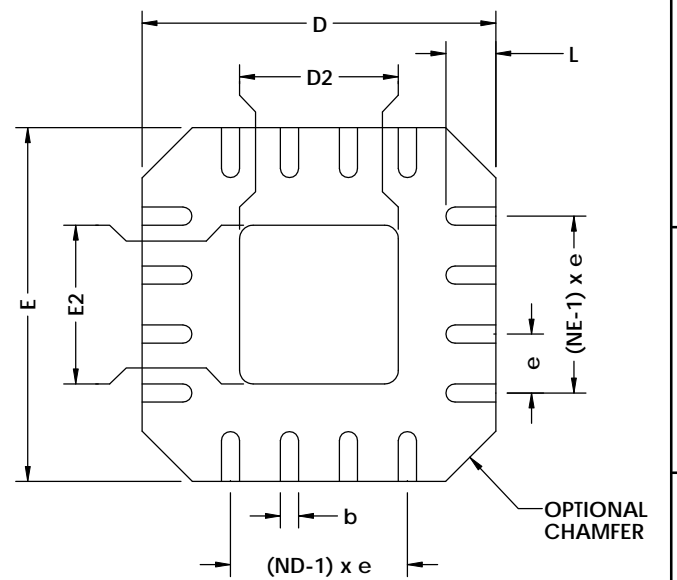
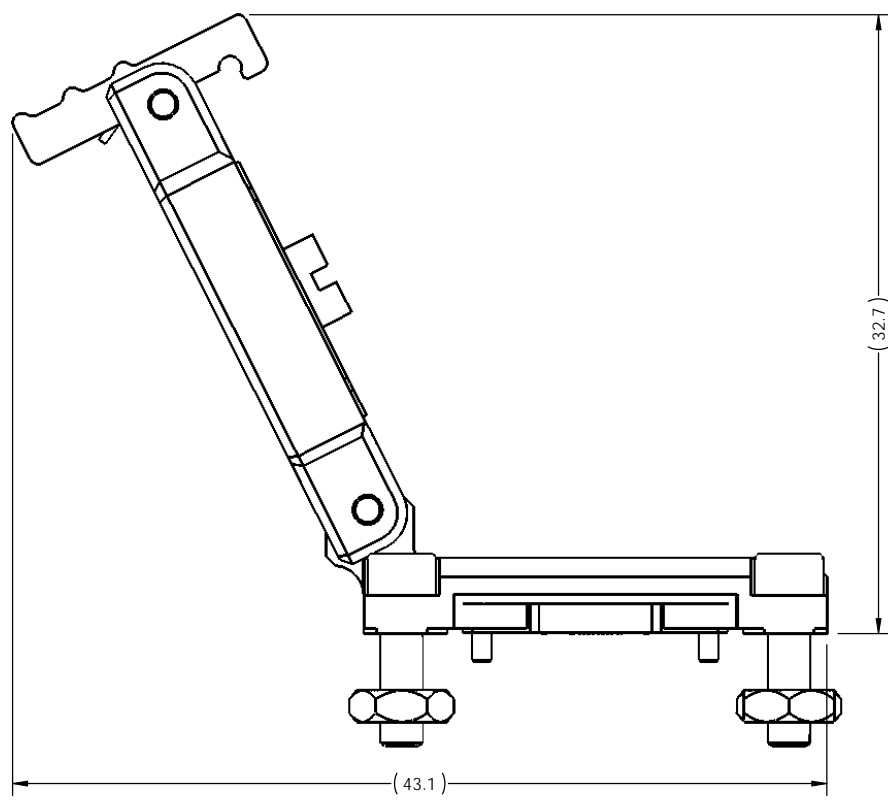
7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SCKT, 16PQFN05-0.80, HINGED	
REV: C	REV: A
CAD FORMAT: SOLIDWORKS	DRAWING NO: 106458-0134
SCALE: NATURAL	SHEET: 2 of 4
See Page 1	



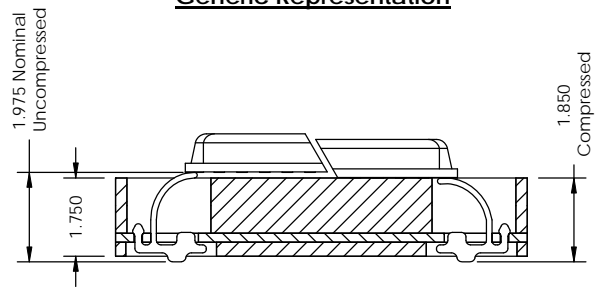
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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED:</small>		<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	
<small>ANGLES ±1°</small>		<small>7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066</small>	
SCKT, 16PQFN05-0.80, HINGED		106458-0134	
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>SCALE:</small> C SOLIDWORKS <small>MATERIAL:</small>	<small>DRAWING NO.:</small> 106458-0134 <small>REV:</small> A	
<small>See Page 1</small>		<small>SHEET</small> 3 of 4	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	16	
Lead Count X/Y	ND/NE	4	4
Device Type		QFN (MLP, MLF)	
Package Size	D/E	5.0±0.1*	5.0±0.1*
Pitch	e	0.80	
Encapsulant Size	D1/E1	4.0 min	4.0 min
Ground Pad	D2/E2	3.0 min	1.5 min
Package Height	A	0.75-1.10	
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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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMES APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED:</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<small>DECIMALS: X.X ±0.25 ANGLES: X.XX ±0.10 *1°: X.XXX ±0.050</small>	SCKT, 16PQFN05-0.80, HINGED		<small>REV: A</small>
LEGEND: (A) NOTE CALLOUT (R) REVISION CHANGE (X) ITEM NUMBER	<small>SCALE: C</small> <small>DRAWING BY: SOLIDWORKS</small>	<small>DRAWING NO: 106458-0134</small>	<small>SHEET: 4 of 4</small>
<small>See Page 1</small>			