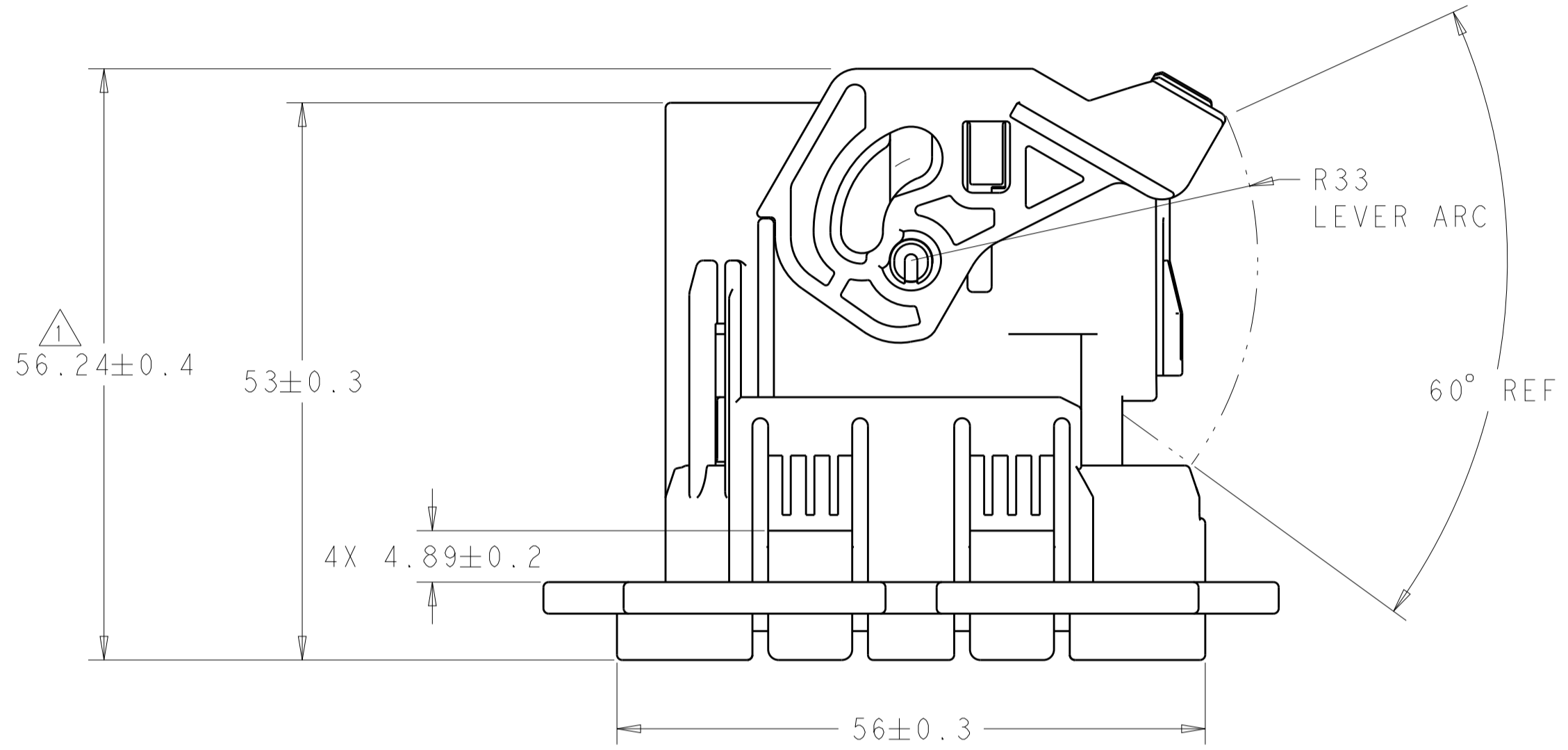
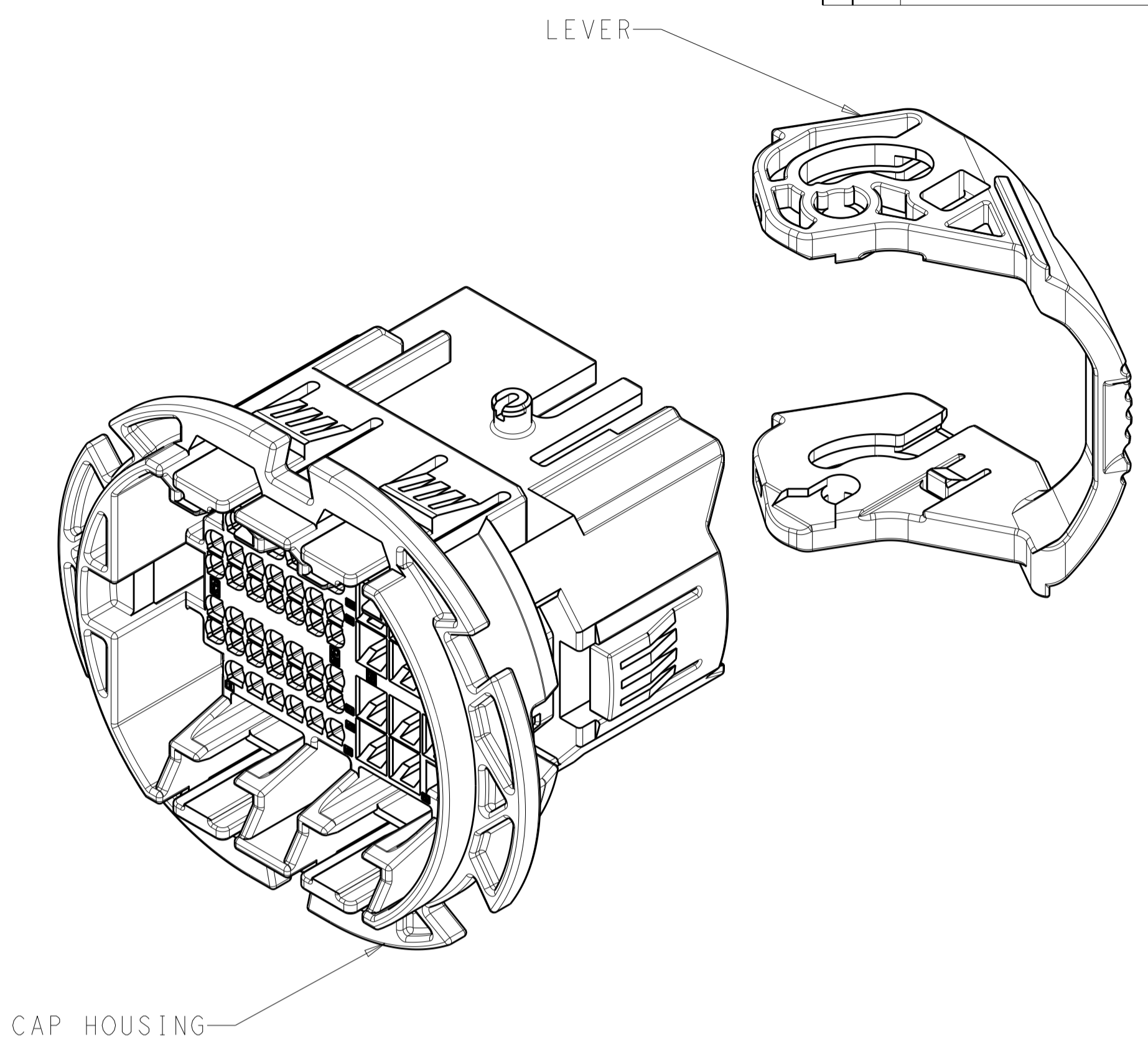
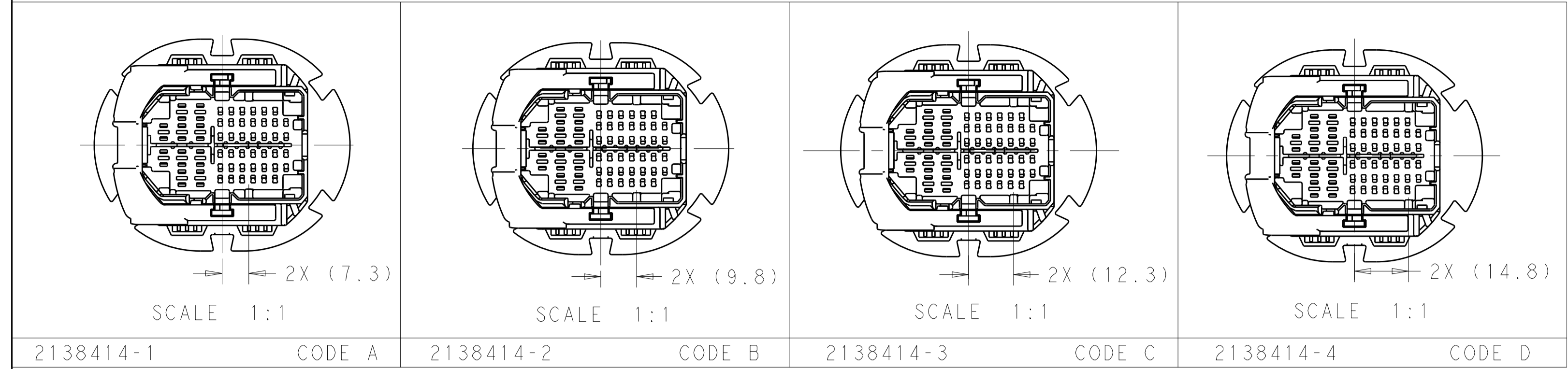
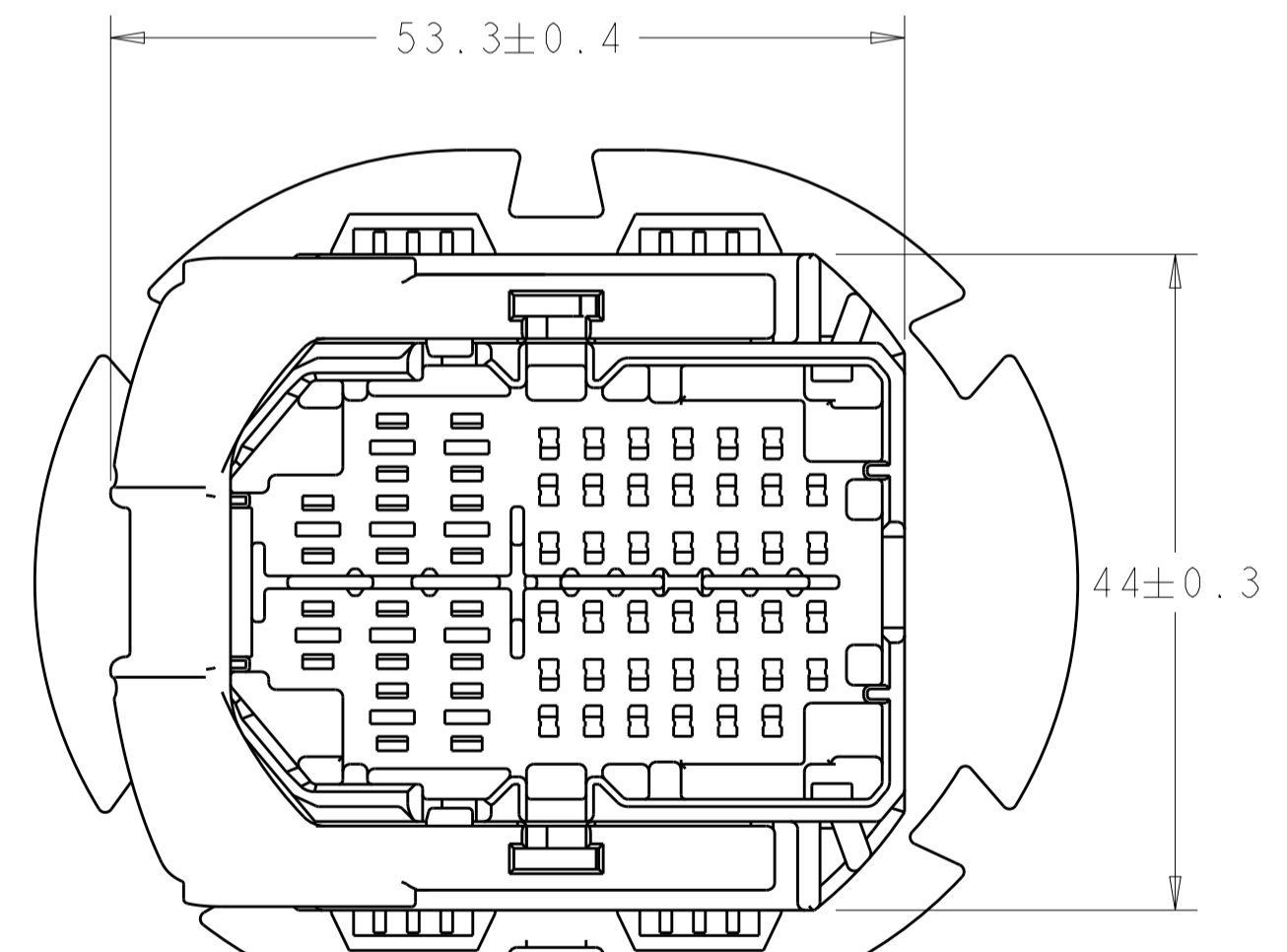
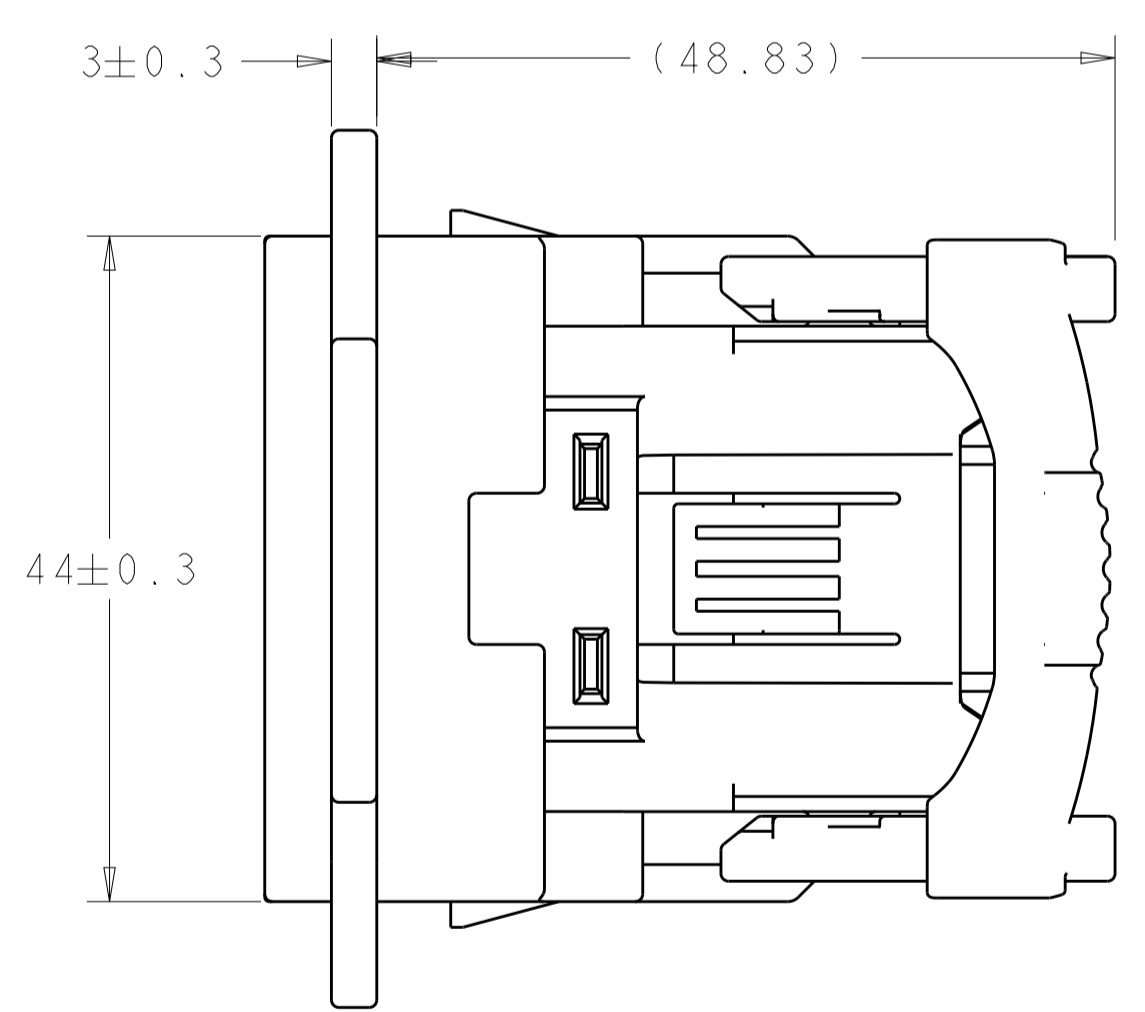
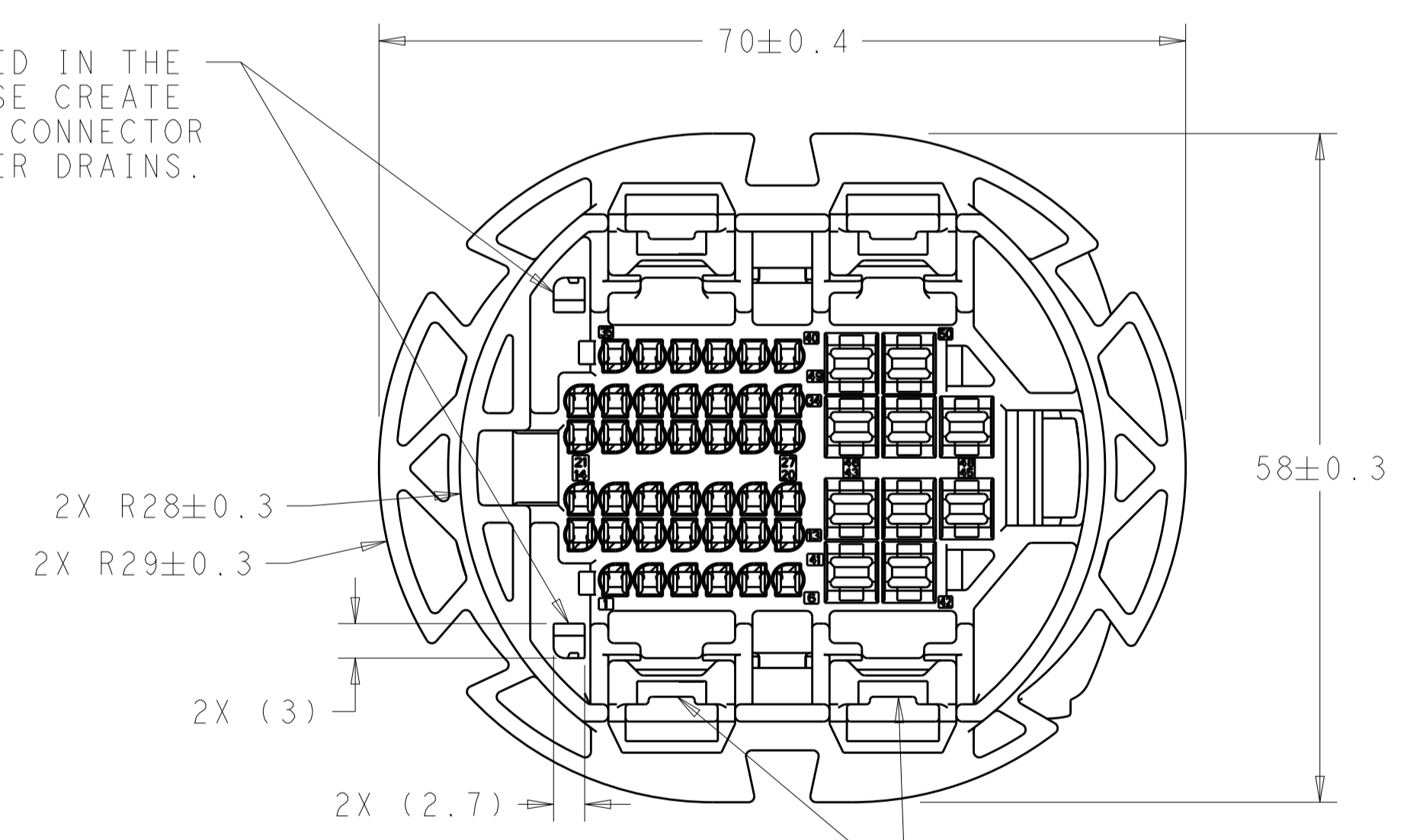


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
C		REV PER ECR-12-019643	06NOV2012	AJV	AJV		
D		REV PER ECR-15-018640	22DEC2015	AJV	AJV		



REVISION D: FEATURES ADDED IN THE 2 LOCATIONS SHOWN. THESE CREATE SLOTTED OPENINGS IN THE CONNECTOR SHROUD TO ACT AS WATER DRAINS.



REVISION D: PANEL LATCHES UPDATED 4 PLACES TO REDUCE INSTALL FORCE.

APPLICABLE COMPONENTS CHART			
TE PART #	FINISH	WIRE SIZE	DESCRIPTION
1418758-1	TIN	0.25-0.35mm ²	MCON 1.2 TAB
1418758-2	GOLD		
1418758-3	SILVER		
1418760-1	TIN	0.50-0.75mm ²	
1418760-2	GOLD		
1418760-3	SILVER		
1418762-1	TIN	1.0mm ²	
1418762-2	GOLD		
1418762-3	SILVER		
2-964292-1	TIN	0.20-0.35mm ²	2.8 x 0.8 TAB
1-964292-3	GOLD		
2-964292-2	SILVER		
2-964294-1	TIN	0.50-1.00mm ²	
1-964294-3	GOLD		
2-964294-2	SILVER		
2-964296-1	TIN	>1.00-2.50mm ²	
1-964296-3	GOLD		
2-964296-2	SILVER		

- 1. LEVER SHOWN IN PRE-LATCHED, AS SHIPPED POSITION.
- 2. CAP HOUSING: NYLON 6/6, BLACK
LEVER: NYLON 6/6, GRAY

- 3. INDEPENDENT SECONDARY LOCKS SHIPPED SEPARATELY.
1.2 SECONDARY LOCK: 2138418-1 - 1 REQ'D PER CONNECTOR
2.8 SECONDARY LOCK: 2138417-1 - 1 REQ'D PER CONNECTOR
- 4. MAXIMUM MATING FORCE OF THIS CONNECTOR WHEN FULLY POPULATED WILL EXCEED THE 75N LIMIT SUGGESTED BY USCAR-25.
MATING FORCE OF 83N MAX WAS RECORDED DURING QUALIFICATION TESTING.

STATUS	KEY CODE	PART NUMBER
NOT TOOLED	D	2138414-4
NOT TOOLED	C	2138414-3
TOOLED	B	2138414-2
TOOLED	A	2138414-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: A. VASBINDER 18FEB2011
 CHK: A. VASBINDER 09MAY2011
 APVD: A. VASBINDER

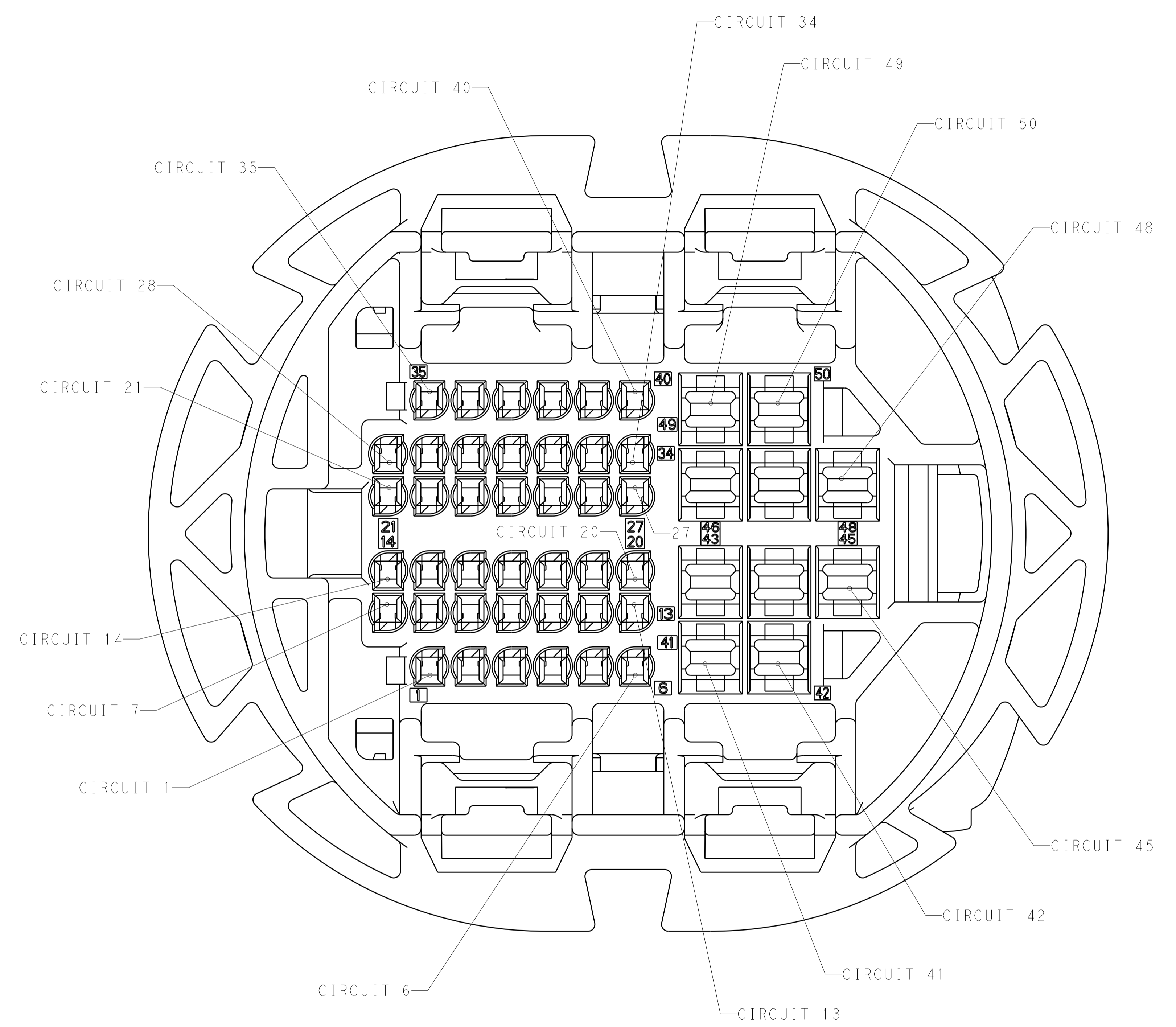
TE Connectivity

NAME: 50 WAY HYBRID, MALE CAP ASSEMBLY
 PRODUCT SPEC: MCON 1.2 / MCP 2.8 TERMINAL SYSTEMS
 APPLICATION SPEC: -

SIZE: A100779C=2138414
 WEIGHT: -
 MATERIAL: 2.1
 FINISH: -

CUSTOMER DRAWING SCALE: 2:1 SHEET 1 OF 3 REV D

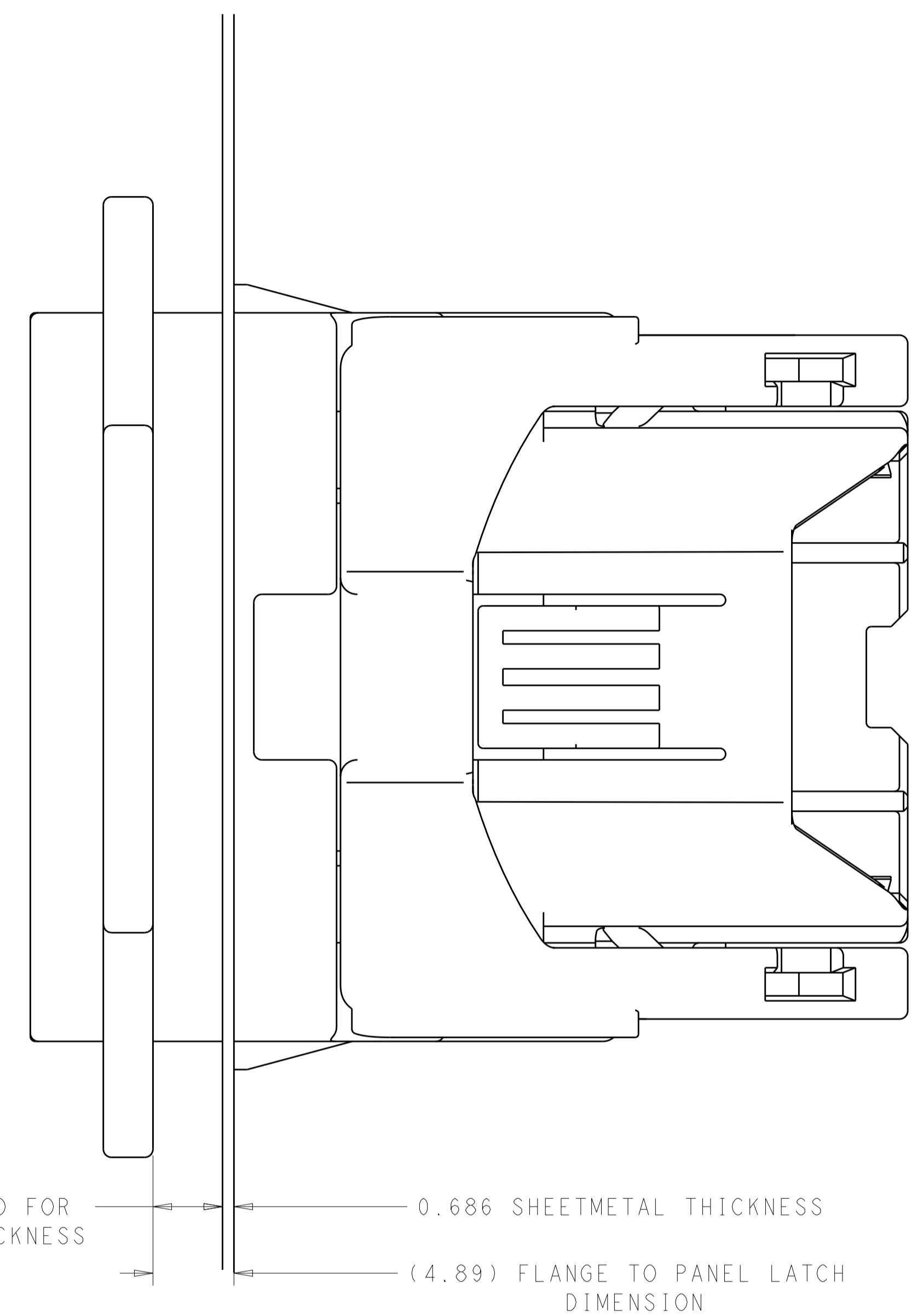
LOC		DIST		REVISIONS			
		P	LTH	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



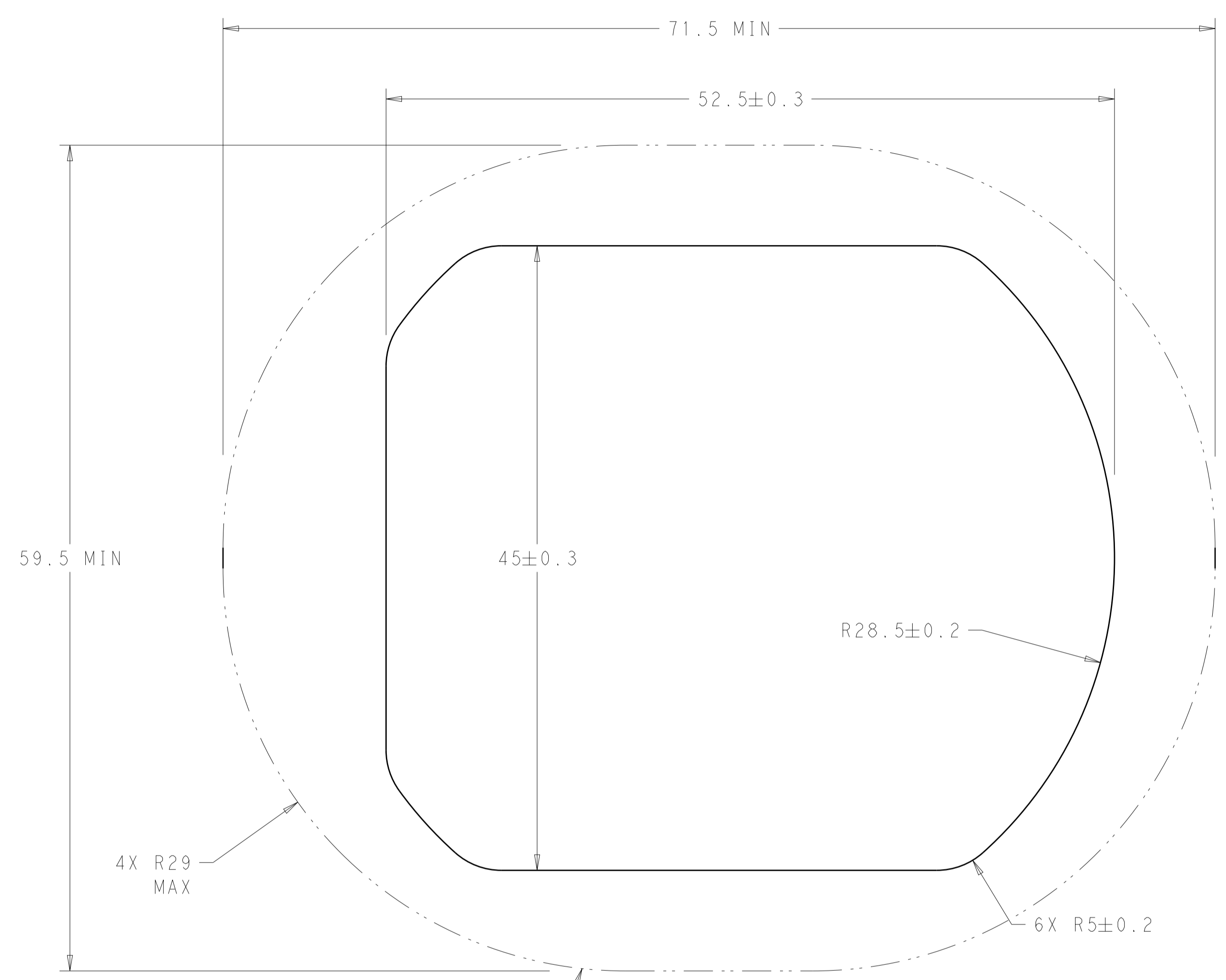
CIRCUIT NUMBERING
 SCALE 5:1
 WIRE SIDE OF MALE CAP

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. VASBINDER 18FEB2011		
DIMENSIONS:		CHK A. VASBINDER 09MAY2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	50 WAY HYBRID, MALE CAP ASSEMBLY
0 PLC	±		PRODUCT SPEC	MCON 1.2 / MCP 2.8 TERMINAL SYSTEMS
1 PLC	±0.3		APPLICATION SPEC	
2 PLC	±0.15		SIZE	A100779C=2138414
3 PLC	±		WEIGHT	
4 PLC	±		CUSTOMER DRAWING	
ANGLES	±		SCALE	3:1
FINISH	±		SHEET	2 OF 3
			REV	D

LOC	DIST	REV	DATE	BY	APPV
-	-	1	-	-	-
REVISIONS			DESCRIPTION	DATE	DWN
-	-	1	SEE SHEET 1	-	-



SCALE 4:1
 ASSEMBLED VIEW IN SHEETMETAL CUTOUT



DOOR PILLAR CUTOUT
 FOR 50WAY MALE CONNECTOR
 SCALE 4:1

AREA REPRESENTS THE CONNECTOR AND GROMMET KEEPOUT ZONE.
 FLATNESS OF 1.0 MM MAXIMUM REQUIRED IN THIS ZONE FOR SEALING.
 NO BURRS PERMITTED ALL AROUND PANEL OPENING.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. VASBINDER 18FEB2011	TE Connectivity	
DIMENSIONS:		CHK A. VASBINDER 09MAY2011	NAME 50 WAY HYBRID, MALE CAP ASSEMBLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC MCON 1.2 / MCP 2.8 TERMINAL SYSTEMS	
mm	0 PLC ±	PRODUCT SPEC	APPLICATION SPEC	
	1 PLC ±0.3	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
	2 PLC ±0.15	WEIGHT	A100779C=2138414	
	3 PLC ±	CUSTOMER DRAWING	SCALE 2:1 SHEET 3 OF 3 REV D	
	4 PLC ±			
	ANGLES ±			
	FINISH ±			