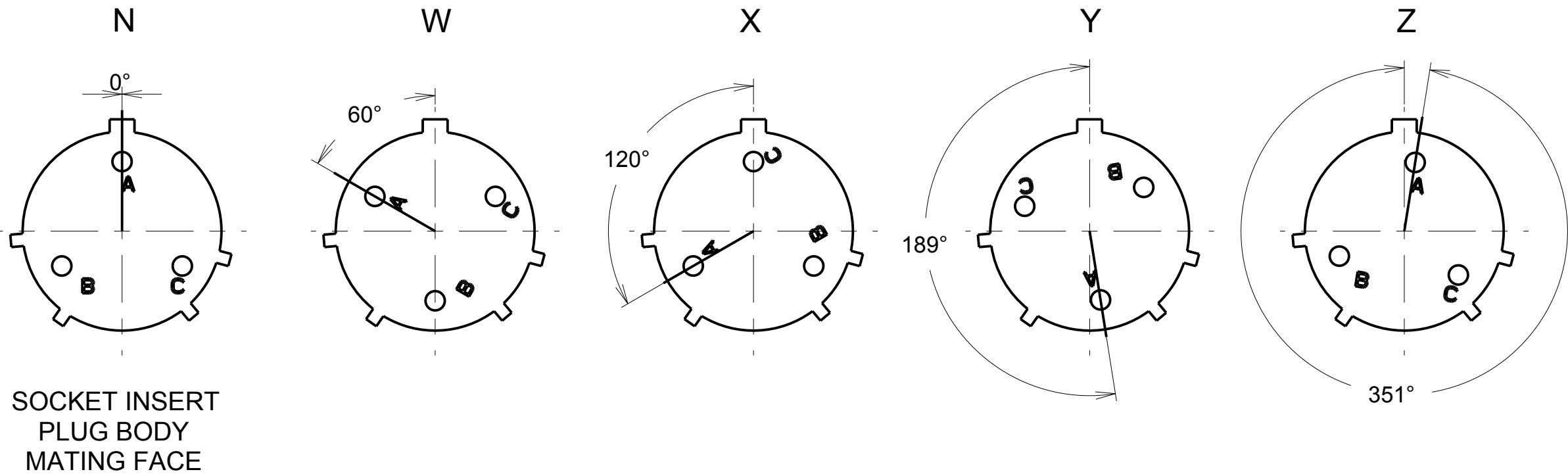


Contact layout for UTO, UTOW & UTS female connectors

Shell size	Contacts : Size and quantity				UTO	UTOW	UTS	Insert with ground contact	Insert position in shell				Drilling Hole Pattern drawing (N insert position)
	#20	#16	#12	#8					W	X	Y	Z	
10	2		2		102W2		102W2		-	-	-	-	
		3			103		103	X	-	-	-	-	UTO-DHP-002-C01
	3	3			103W3		103W3		-		-	-	
		4			104		104		45°	-	-	-	UTO-DHP-002-C01
		4			1044				45°	-	-	-	UTO-DHP-002-C01
	6					106	106		90°	-	-	-	UTOW-DHP-003-C01
12		4			124		124	X	-	-	-	45°	UTO-DHP-002-C01
		8			128		128		26°	-	-	-	UTO-DHP-002-C01
	10					1210	1210		60°	155°	270°	295°	UTOW-DHP-003-C01
14				3	142G1		142G1	X	-	-	-	-	
		7			147		147	X	-	-	-	-	UTO-DHP-002-C01
		4	4		148		148	X	-	-	-	-	
		12			1412		1412		60°	-	-	-	UTO-DHP-002-C01
		12			1492		1492		49°	71°	145°	-	UTO-DHP-002-C01
	19					1419	1419		30°	165°	315°	-	UTOW-DHP-003-C01
16		19			1619				30°	165°	-	315°	UTO-DHP-002-C01
	26					1626			60°	-	275°	338°	UTOW-DHP-003-C01
18				4			183G1	X	-	-	-	-	
		3		2			18X2M3		-	-	-	-	
		23			1823		1823		-	158°	-	270°	UTO-DHP-002-C01
	32					1832	1832		85°	138°	222°	265°	UTOW-DHP-003-C01
20		28			2028				79°	-	259°	-	UTO-DHP-002-C01
		30			2030				34°	90°	123°	259°	UTO-DHP-002-C01
	41					2041			45°	126°	225°	-	UTOW-DHP-003-C01
22		35			2235				13°	162°	198°	265°	UTO-DHP-002-C01
		38			2238				15°	47°	150°	331°	UTO-DHP-002-C01
	55					2255			30°	142°	226°	314°	UTOW-DHP-003-C01
24		48			2448				60°	120°	189°	351°	UTO-DHP-002-C01
	61					2461			90°	180°	270°	324°	UTOW-DHP-003-C01

- 1- Typical mating face of pin insert shown(Socket insert opposite)."N" normal position 0
Polarization letters show master key position with respect to contact hole
-2- Unless otherwise specified "N" keyway is standard position on all keyways.
Angles given are counter clockwise from "N"(Socket insert opposite) in



identification "A".
accordance with values in table below.

CUSTOMER DRAWING

f	15/04/2014	Add new arrangement: 10 44			---
ISS	DATE	Latest modification - by:		LANDAIS.P	MOD N°
Designed by: BERGER L.		Date: 09/02/04	Type of drawing: CUSTOMER		
Checked by: SEE DISTRIBUTION LIST		Date: SEE DISTRIBUTION LIST			
TITLE		FEMALE CONNECTOR UTO, UTOW and UTS			
Scale		General angular		MATERIAL	
5/1		Tolerances: ± --			
		General linear			
		Tolerances : ±0.1		Geometrical Tolerances See NF E 04-552	
		SOURIAU Route Nationale 23 72470 CHAMPAGNE Tel. (33)02.43.54.35.00		This document is the property of SOURIAU It must not be reproduced or communicated without permission	
FORMAT		SOURIAU DRG N°			SHEET
A1		UTO-CONTACT-L-C02			1 / 3

102W2

103

103W3

104

1044

106

A diagram showing a circular arrangement of six cells, labeled A through F, arranged in a hexagonal pattern. Cell A is at the top, F is at the top-right, E is at the right, D is at the bottom-right, C is at the bottom-left, and B is at the top-left.

124

A circular arena with four numbered locations (1, 2, 3, 4) for placing objects. Location 4 has a downward arrow.

128

A circular diagram representing a classroom with 10 seats arranged in a circle, labeled A through J. The seats are occupied as follows: A (Student), G (Student), F (Student), E (Student), D (Student), C (Student), and B (Student). Seats H and I are empty. The label 'R.S.' is located at the bottom right of the circle.

1210

A circular arena with 10 numbered positions (A-J) arranged in a circular pattern. The positions are labeled as follows: A (top center), B (top left), C (left), D (bottom left), E (bottom center), F (bottom right), G (right), H (top right), I (center), and J (middle left).

142G1

147

A circular table with 7 seats. Seats 1 through 6 are arranged in a circle, numbered clockwise from the top. The 7th seat is in the center, labeled '14-7S', and contains a small table icon.

148

A diagram of a circular cell. In the center is a large circle labeled '14-8S'. Surrounding it are several smaller circles: one at the top left labeled '3', one at the top right labeled '2', one on the right labeled '1', one at the bottom right labeled 'D', one at the bottom labeled 'C', one at the bottom left labeled 'B', and one on the left labeled 'A'. A small structure with a vertical line and three horizontal bars is located near the bottom left, labeled 'I'.

1412

1492

A circular diagram representing a 12-well plate. The wells are arranged in a circle and labeled with letters: A (top), J (top-right), H (right), G (bottom-right), F (bottom), E (bottom-left), D (left), C (top-left), B (top-left), K (center-top), L (center-left), and M (center-right). The label "14-92S" is positioned at the bottom center of the circle.

1419

1619

1626

CUSTOMER DRAWING

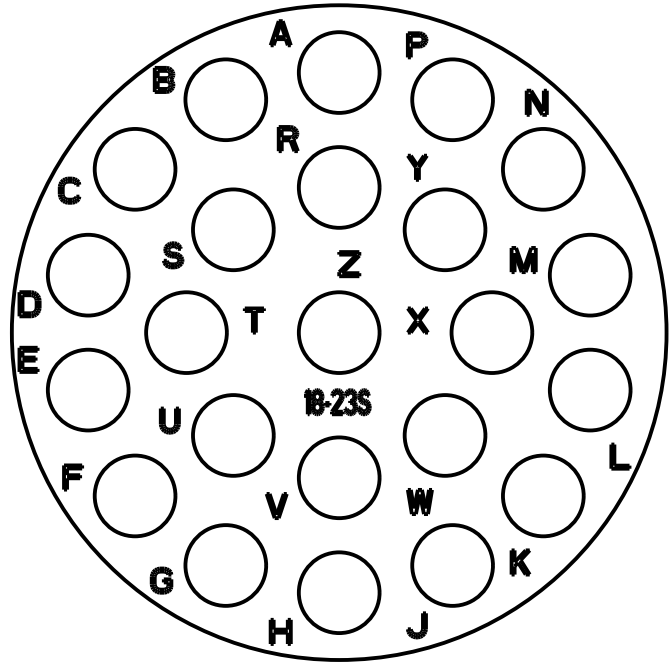
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ISS	DATE	Latest modification - by:	LANDAIS P MOD N°
Designed by: BERGER L.		Date: 09/02/04	Type of drawing: CUSTOMER
Checked by: SEE DISTRIBUTION LIST		Date: SEE DISTRIBUTION LIST	
TITLE		FEMALE CONNECTOR UT0, UTOW and UTS	
		—	
Scale 1/2	General angular Tolerances: ± 1°	MATERIAL -- --	
	General linear Tolerances : ±0.1	General machining surface texture Ra 3.2 	Geometrical Tolerances See NF EN ISO 1101
PROJECT MSKI			
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FORMAT	DRAWING REFERENCE UT0-CONTACT-L-C02		SHEET 2 / 3
A1			

f : 0 ; R/L

SIZE 18

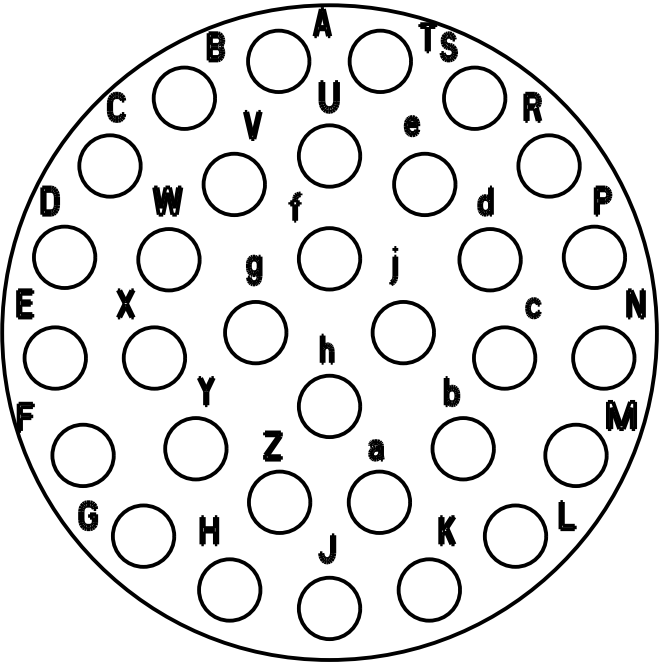
1823

23 $\varnothing$ 1.6 (#16)



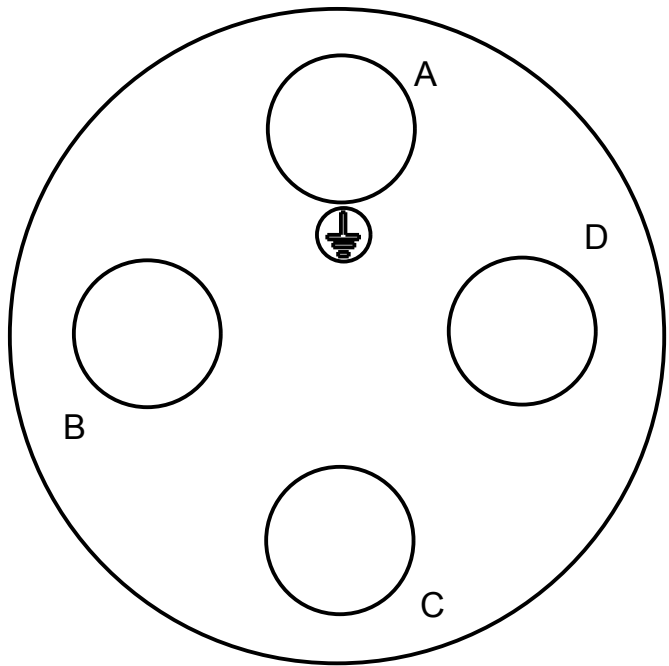
1832

32 $\varnothing$ 1 (#20)



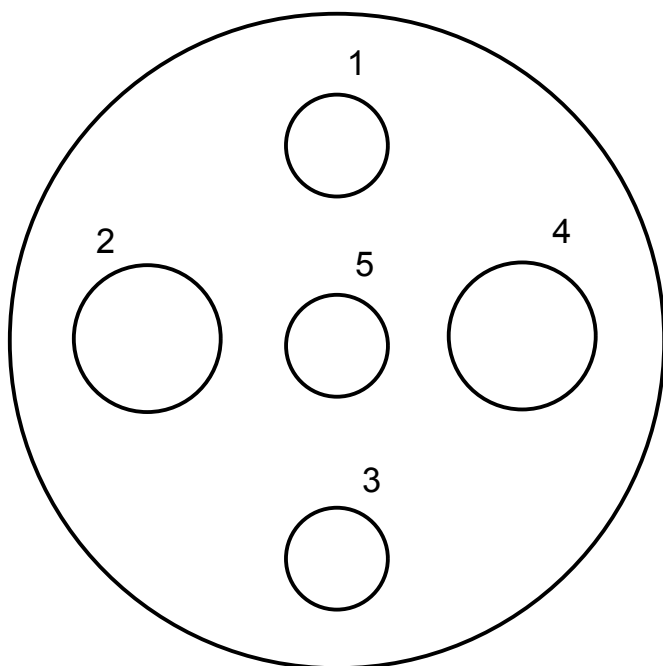
183G1

4 $\varnothing$ 3.6 (#8)



18X2M3

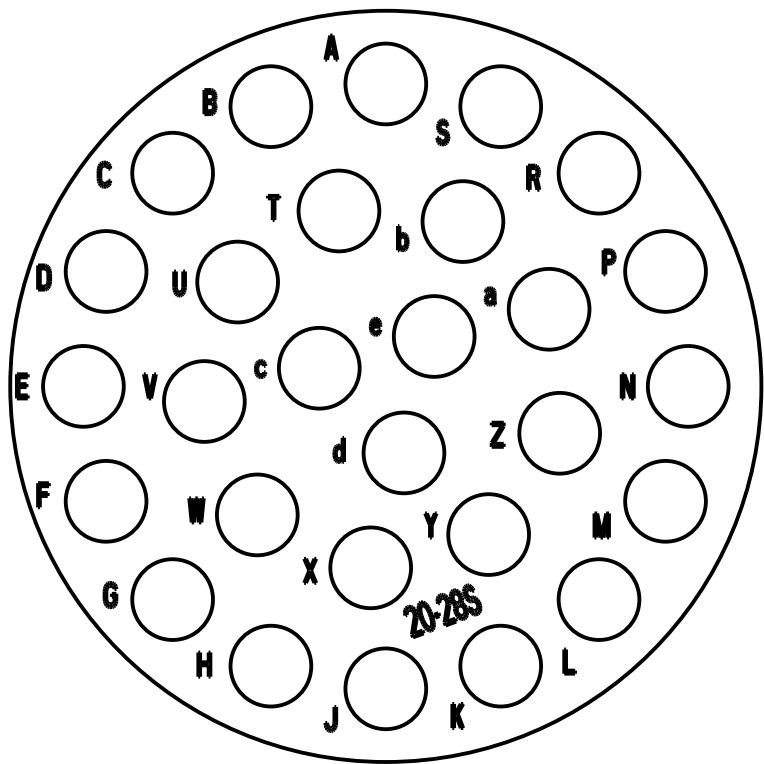
2 $\varnothing$ 3.6 (#8)
3 $\varnothing$ 1.6 (#16)



SIZE 20

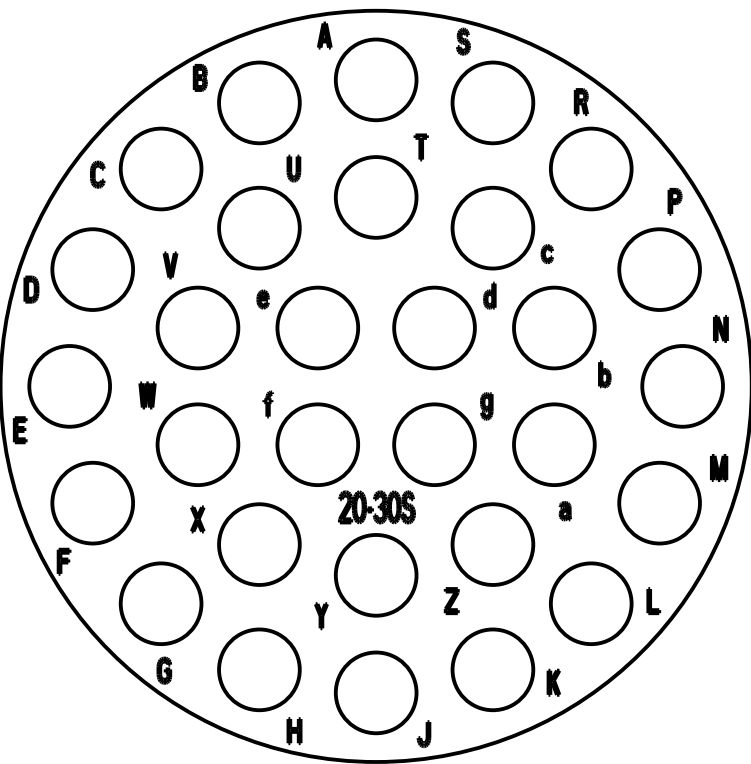
2028

28 $\varnothing$ 1.6 (#16)



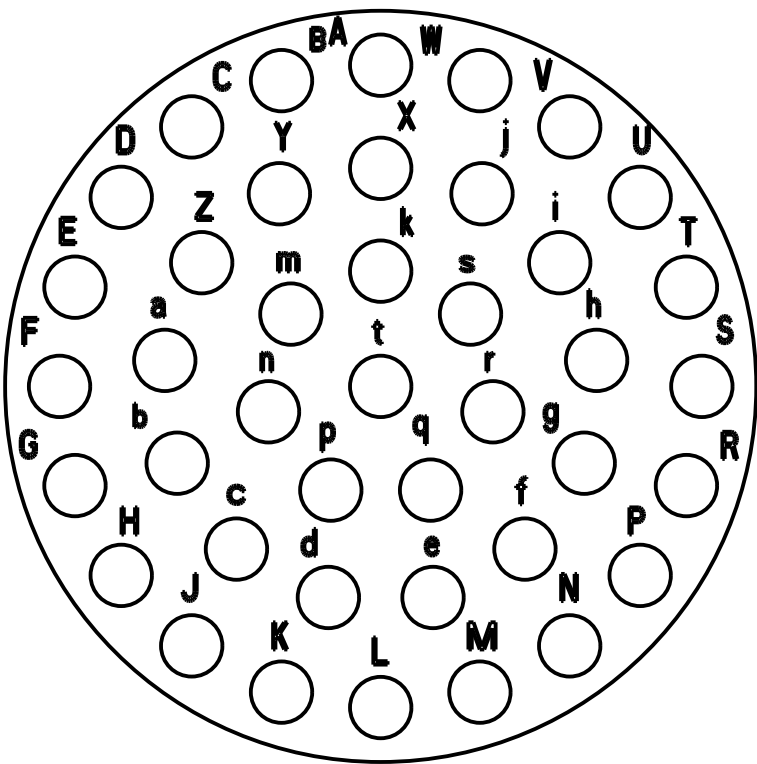
2030

30 $\varnothing$ 1.6 (#16)



2041

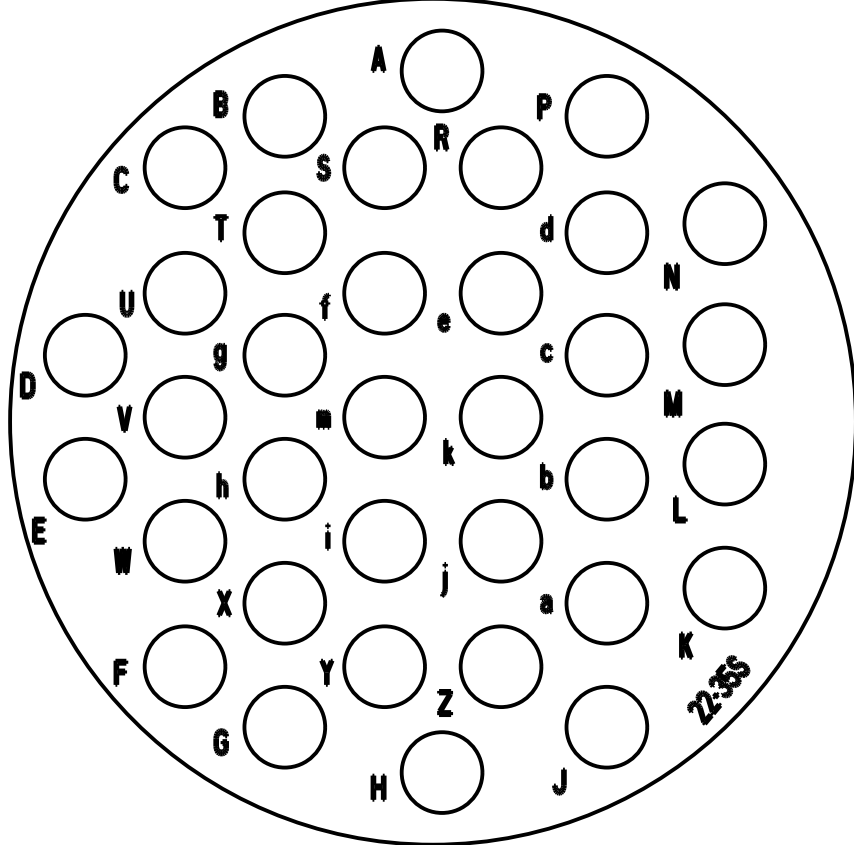
41 $\varnothing$ 1 (#20)



SIZE 22

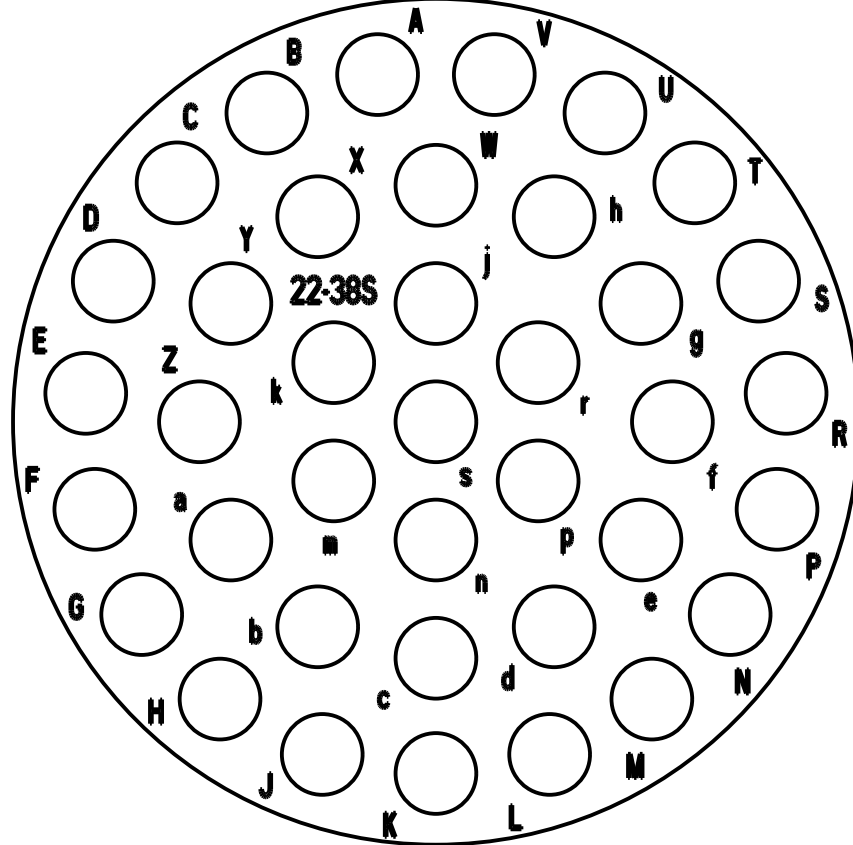
2235

35 $\varnothing$ 1.6 (#16)



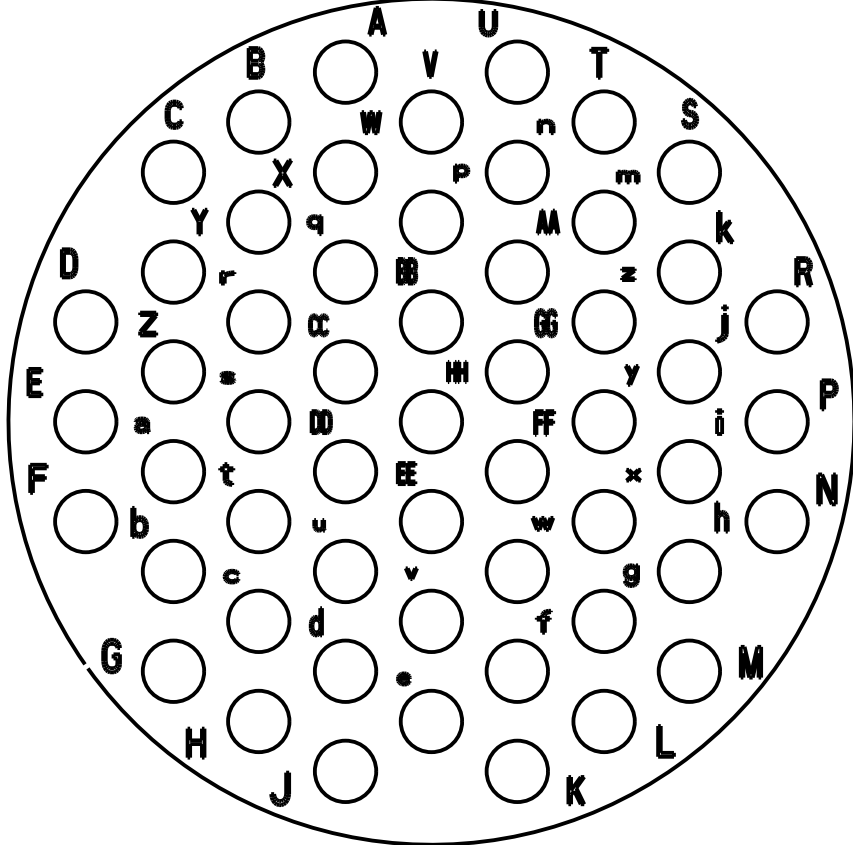
2238

38 $\varnothing$ 1.6 (#16)



2255

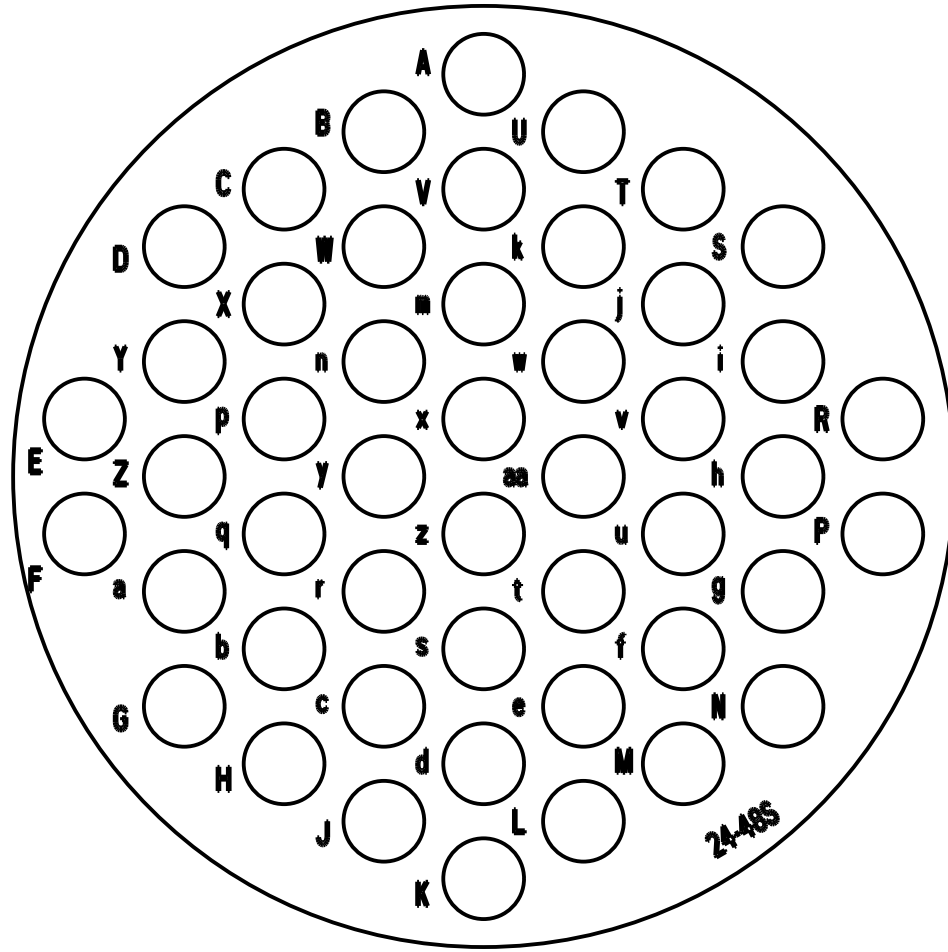
55 $\varnothing$ 1 (#20)



SIZE 24

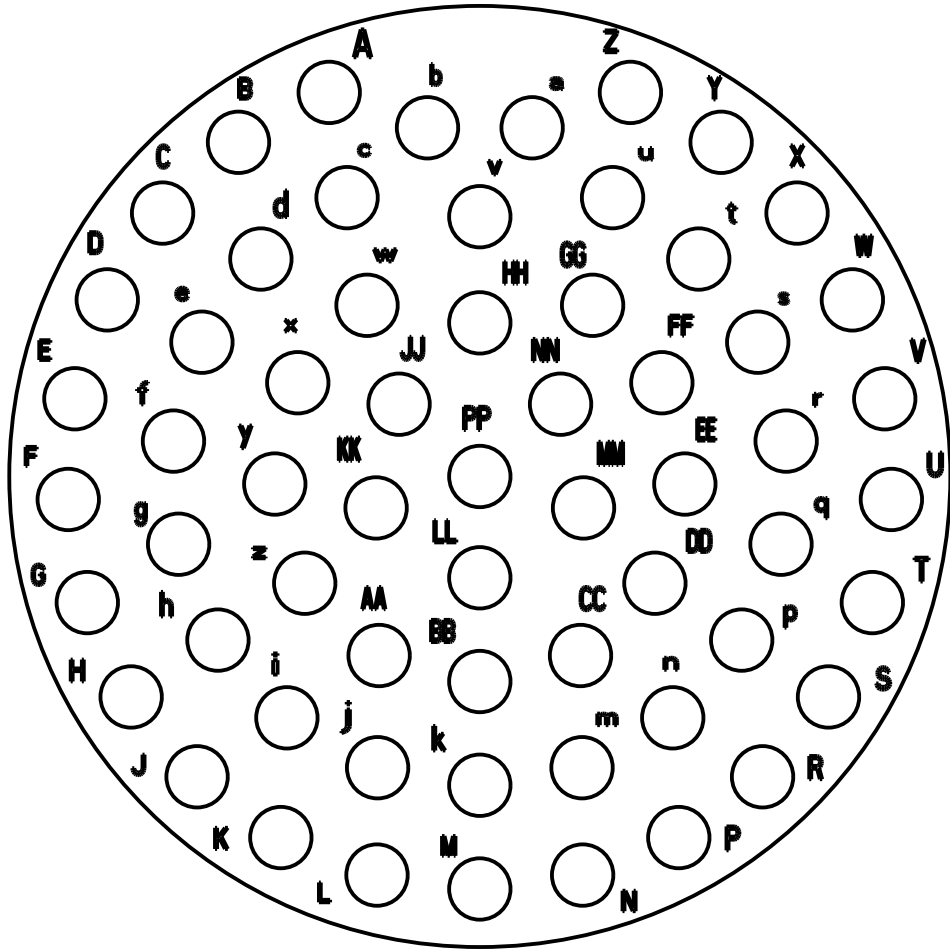
2448

48 $\varnothing$ 1.6 (#16)



2461

61 $\varnothing$ 1 (#20)



CUSTOMER DRAWING

P/N						
f	15/04/14	Add new arrangement : 10-44				—
ISS	DATE	Latest modification - by:		LANDAIS.P	MOD N°	
Designed by:		BERGER L.		Date: 09/02/04	Type of drawing:	CUSTOMER
Checked by:		SEE DISTRIBUTION LIST		Date: SEE DISTRIBUTION LIST		
TITLE		FEMALE CONNECTOR UT0, UTOW and UTS				
		—				
Scale	General angular		MATERIAL --			
1/2	Tolerances: ± 1°		--			
	General linear		General machining surface texture		Ra 3.2	
	Tolerances : ±0.1					
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FORMAT			DRAWING REFERENCE			SHEET
A1			UTO-CONTACT-L-C02			3 / 3