

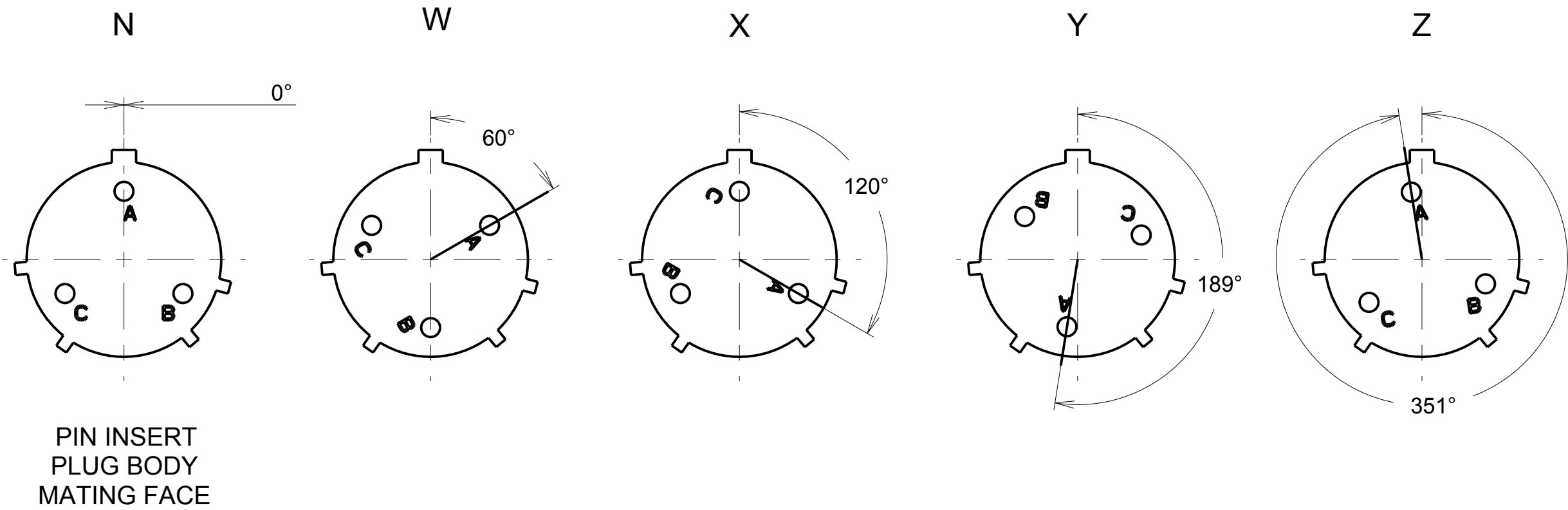
Contact layout for UTO, UTOW & UTS male connectors
(Mating Face View)
(Equivalent to wiring face view of female connector)

Shell size	Contacts : Size and quantity				UTO	UTOW	UTS	Insert with ground contact	Insert position in shell (3)				Drilling Hole Pattern (N insert position)
	#20	#16	#12	#8					W	X	Y	Z	
10	2		2		102W2		102W2		-	-	-	-	
		3			103		103	X	-	-	-	-	UTO-DHP-001-C01
	3	3					103W3		-	-	-	-	
		4			104		104		45°	-	-	-	UTO-DHP-001-C01
		4			1044				45°	-	-	-	UTO-DHP-001-C01
12	6					106	106		90°	-	-	-	UTOW-DHP-002-C01
		4			124		124	X	-	-	-	45°	UTO-DHP-001-C01
		8			128		128		26°	-	-	-	UTO-DHP-001-C01
	10					1210	1210		60°	155°	270°	295°	UTOW-DHP-002-C01
14				3	142G1		142G1	X	-	-	-	-	
		7			147		147	X	-	-	-	-	UTO-DHP-001-C01
		4	4		148		148	X	-	-	-	-	
		12			1412		1412		60°	-	-	-	UTO-DHP-001-C01
		12			1492		1492		49°	71°	145°	-	UTO-DHP-001-C01
16	19					1419	1419		30°	165°	315°	-	UTO-DHP-001-C01
		19			1619				30°	165°	-	315°	UTO-DHP-001-C01
	26					1626			60°	-	275°	338°	UTOW-DHP-002-C01
18				4			183G1	X	-	-	-	-	
		3		2			18X2M3		-	-	-	-	
		23			1823		1823		-	158°	-	270°	UTO-DHP-001-C01
20						1832	1832		85°	138°	222°	265°	UTOW-DHP-002-C01
		28			2028				79°	-	259°	-	UTO-DHP-001-C01
		30			2030				34°	90°	123°	259°	UTO-DHP-001-C01
22						2041			45°	126°	225°	-	UTOW-DHP-002-C01
		35			2235				13°	162°	198°	265°	UTO-DHP-001-C01
		38			2238				15°	47°	150°	331°	UTO-DHP-001-C01
24						2255			30°	142°	226°	314°	UTOW-DHP-002-C01
		48			2448				60°	120°	189°	351°	UTO-DHP-001-C01
						2461			90°	180°	270°	324°	UTOW-DHP-002-C01

INSERT POLARIZATION

- 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

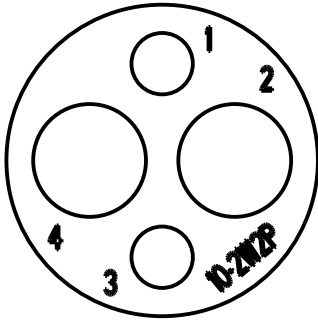
P/N			
f	15/04/14	Add new arrangement : 10-44	—
ISS	DATE	Latest modification - by:	LANDAIS.P
Designed by: BERGER L.		Date: 09/02/04	Type of drawing: CUSTOMER
Checked by: SEE DISTRIBUTION LIST		Date: SEE DISTRIBUTION LIST	
TITLE MALE CONNECTOR UTO, UTOW and UTS			
Scale 4/1	General angular Tolerances: ± 1°	MATERIAL	
	General linear Tolerances : ±0.1	General machining surface texture	Geometrical Tolerances See NF EN ISO 1101
	SOURIAU Route Nationale 23 72470 CHAMPAGNE Tel. (33)02.43.54.35.00		PROJECT MSKI This document is the property of SOURIAU It must not be reproduced or communicated without permission
FORMAT A1	DRAWING REFERENCE UTO-CONTACT-L-C01		SHEET 1 / 3

f : 0 : RL

SIZE 10

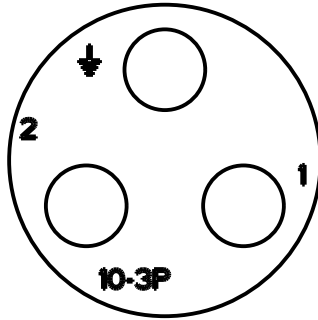
102W2

2 $\varnothing$ 2.4 (#12)
2 $\varnothing$ 1.0 (#20)



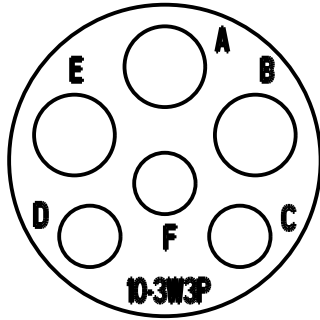
103

3 $\varnothing$ 1.6 (#16)



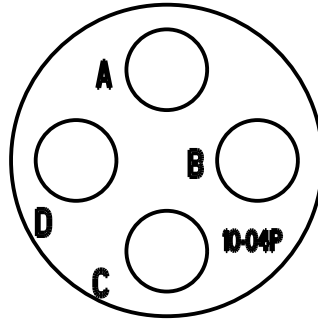
103W3

3 $\varnothing$ 1.6 (#16)
3 $\varnothing$ 1.0 (#20)



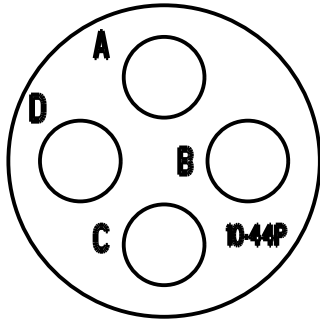
104

4 $\varnothing$ 1.6 (#16)



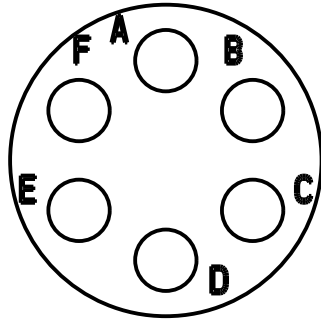
1044

4 $\varnothing$ 1.6 (#16)



106

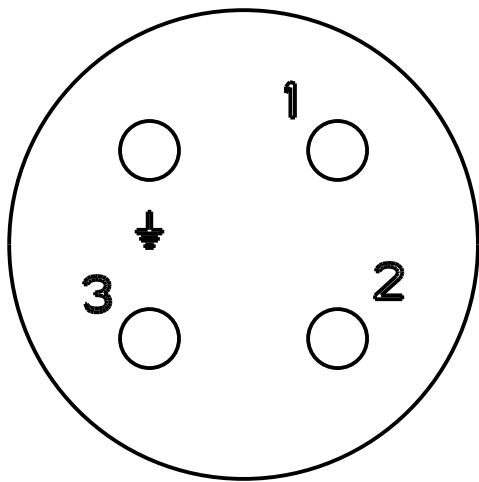
6 $\varnothing$ 1 (#20)



SIZE 12

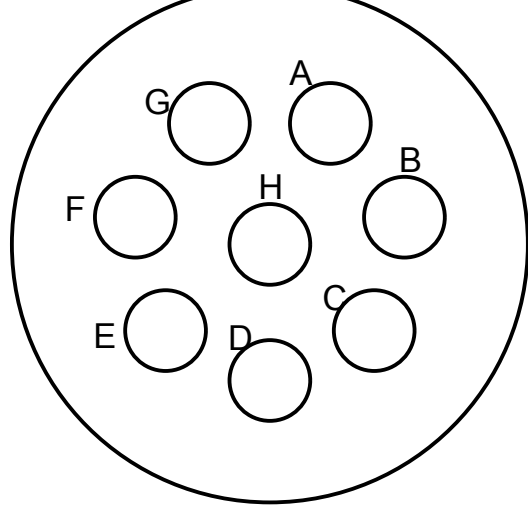
124

4 $\varnothing$ 1.6 (#16)



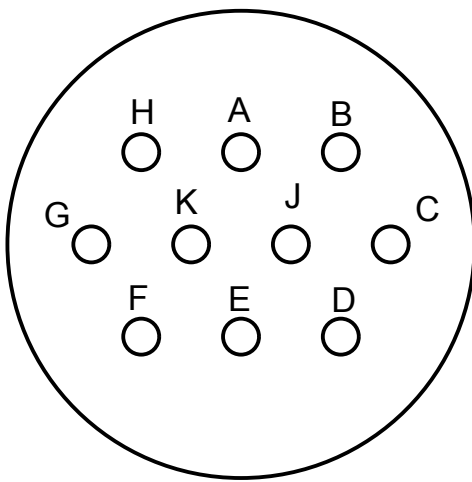
128

8 $\varnothing$ 1.6 (#16)



1210

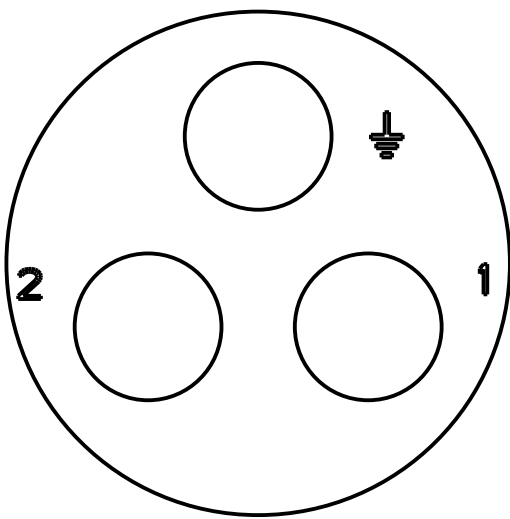
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SIZE 14

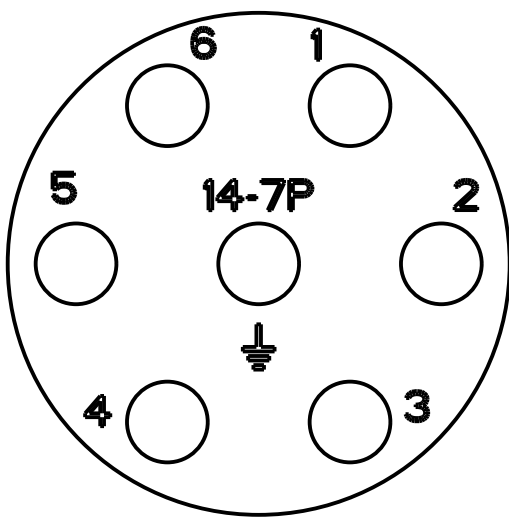
142G1

3 $\varnothing$ 3.6 (#8)



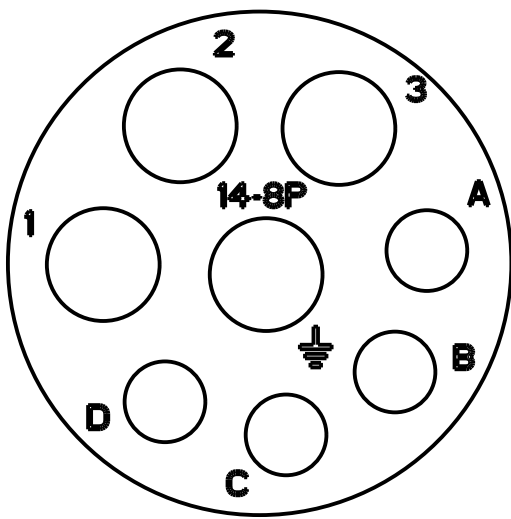
147

7 $\varnothing$ 1.6 (#16)



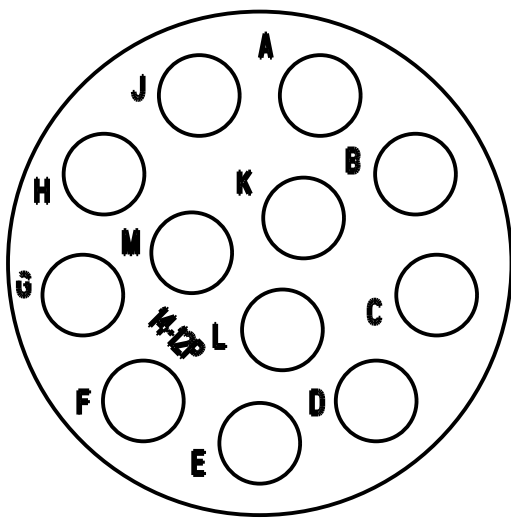
148

4 $\varnothing$ 3.2 (#12)
4 $\varnothing$ 1.6 (#16)



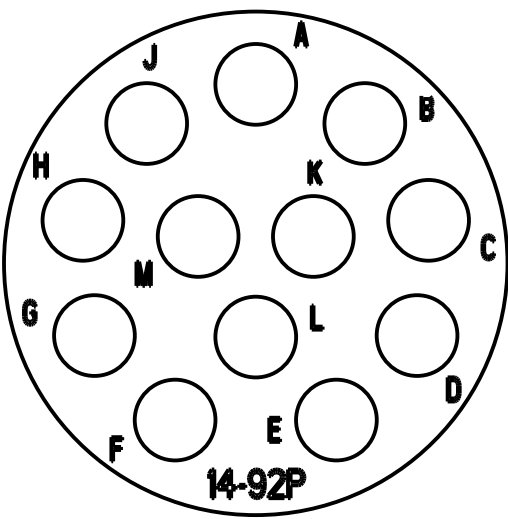
1412

12 $\varnothing$ 1.6 (#16)



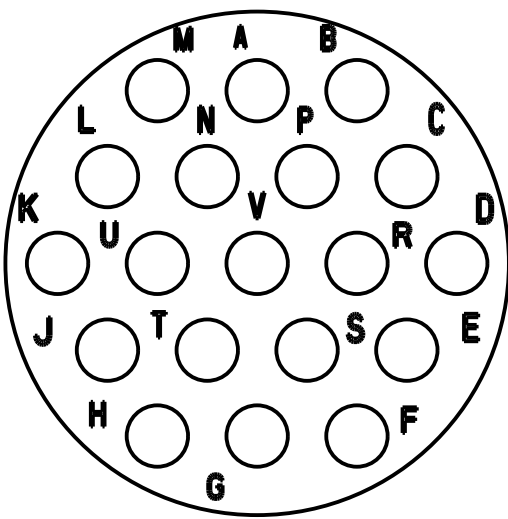
1492

12 $\varnothing$ 1.6 (#16)



1419

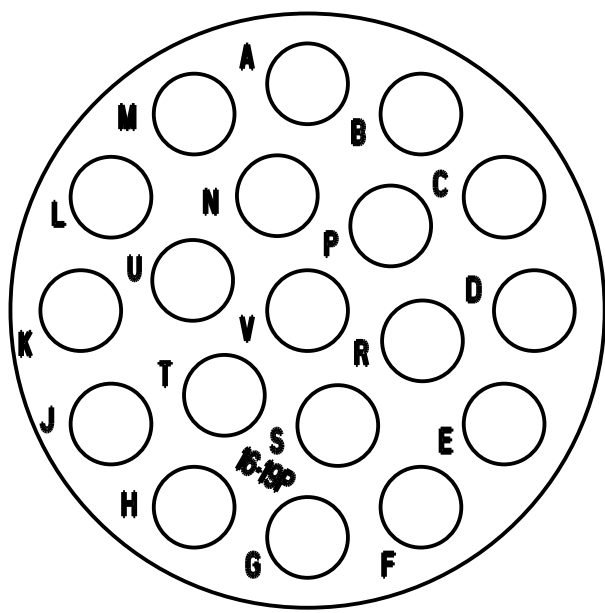
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SIZE 16

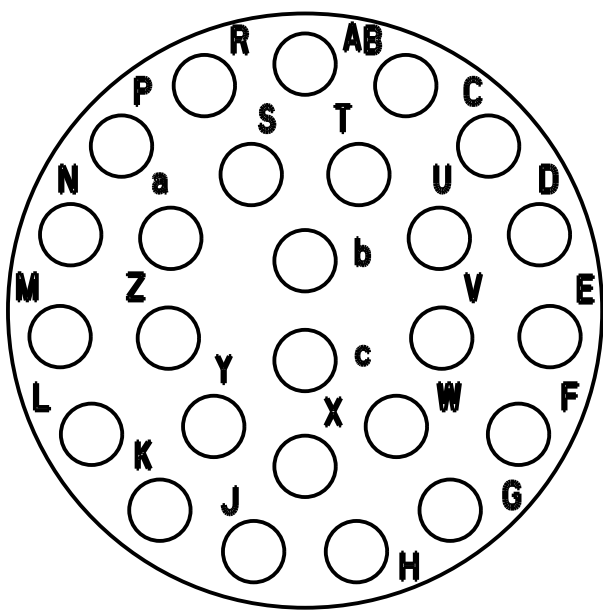
1619

19 $\varnothing$ 1.6 (#16)



1626

26 $\varnothing$ 1 (#20)



CUSTOMER DRAWING

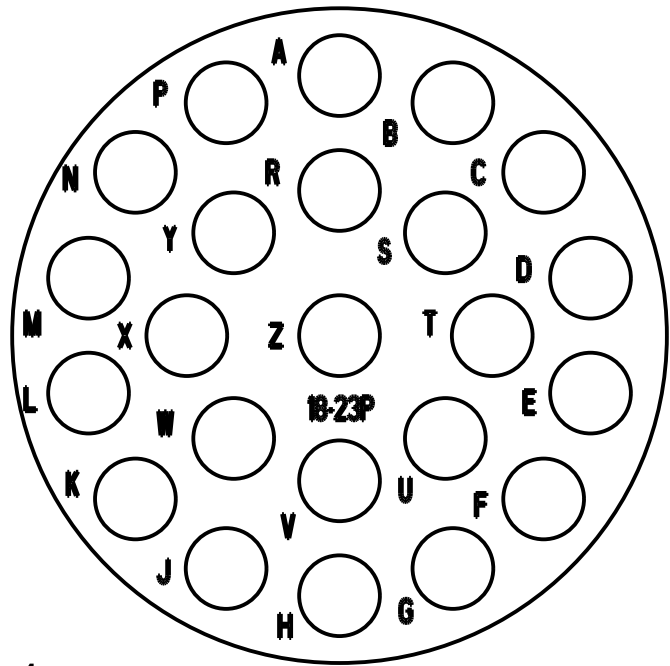
P/N					
f	15/04/14	Add new arrangement : 10-44		—	
ISS	DATE	Latest modification - by: LANDAIS.P		MOD N°	
Designed by: BERGER L.		Date: 09/02/04	Type of drawing:	CUSTOMER	
Checked by: SEE DISTRIBUTION LIST		Date:	SEE DISTRIBUTION LIST		
TITLE		MALE CONNECTOR UT0, UTOW and UTS			
Scale	General angular	MATERIAL			
4/1	Tolerances: ± 1°				
	General linear	General machining		PROJECT	
	Tolerances : ±0.1	surface texture			
		SOURIAU Route Nationale 23 72470 CHAMPAGNE Tel. (33)02.43.54.35.00			
FORMAT		DRAWING REFERENCE		SHEET	
A1		UTO-CONTACT-L-C01		2 / 3	

f : 0 : RL

SIZE 18

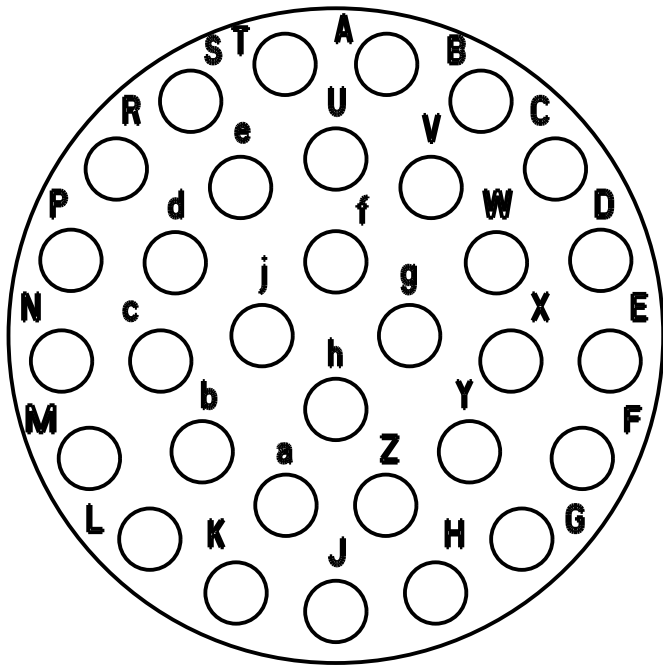
1823

23 $\varnothing$ 1.6 (#16)



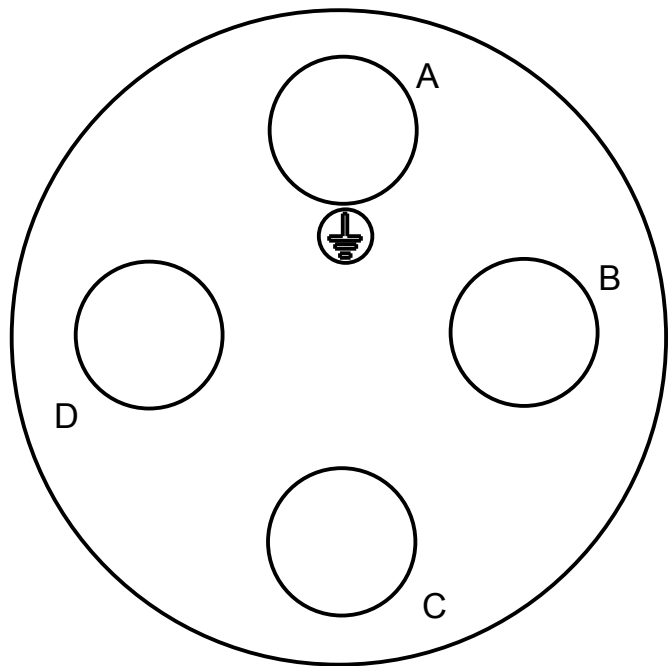
1832

32 $\varnothing$ 1 (#20)



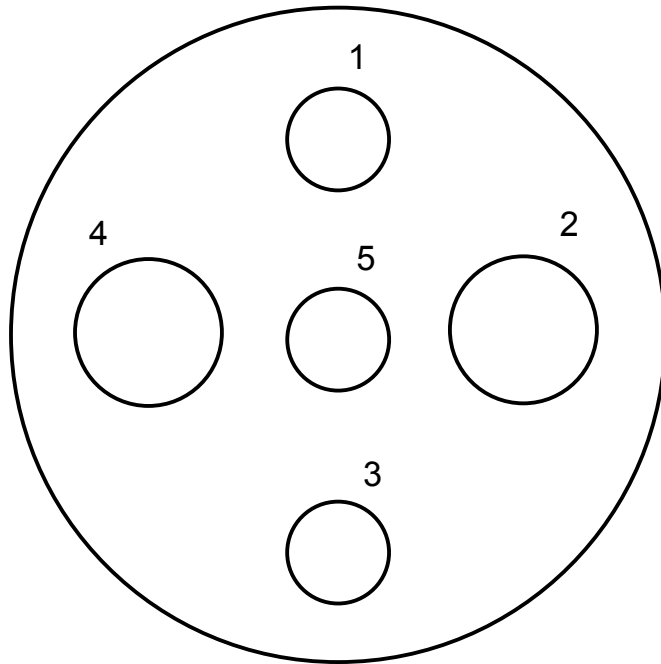
183G1

4 $\varnothing$ 3.6 (#8)



18X2M3

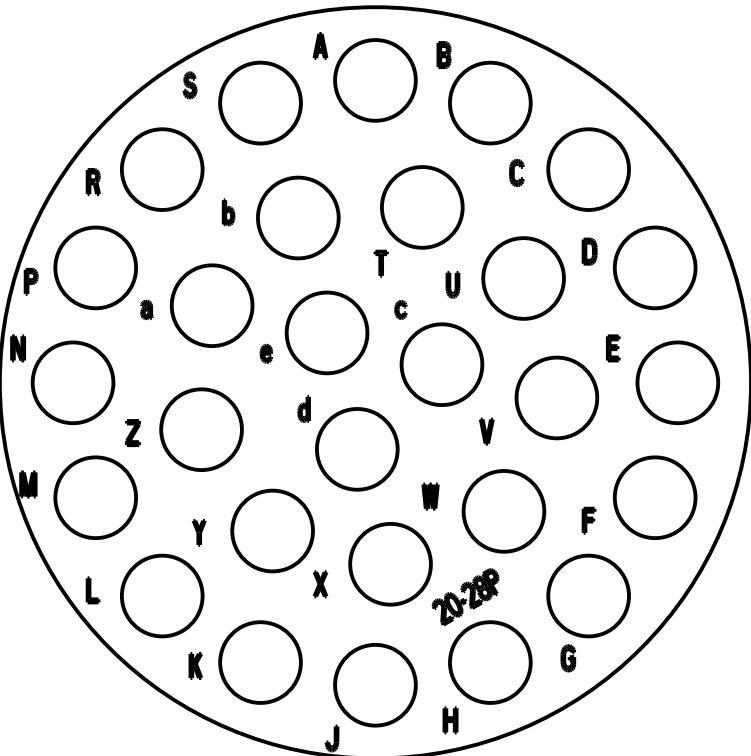
2 $\varnothing$ 3.6 (#8)
3 $\varnothing$ 1.6 (#16)



SIZE 20

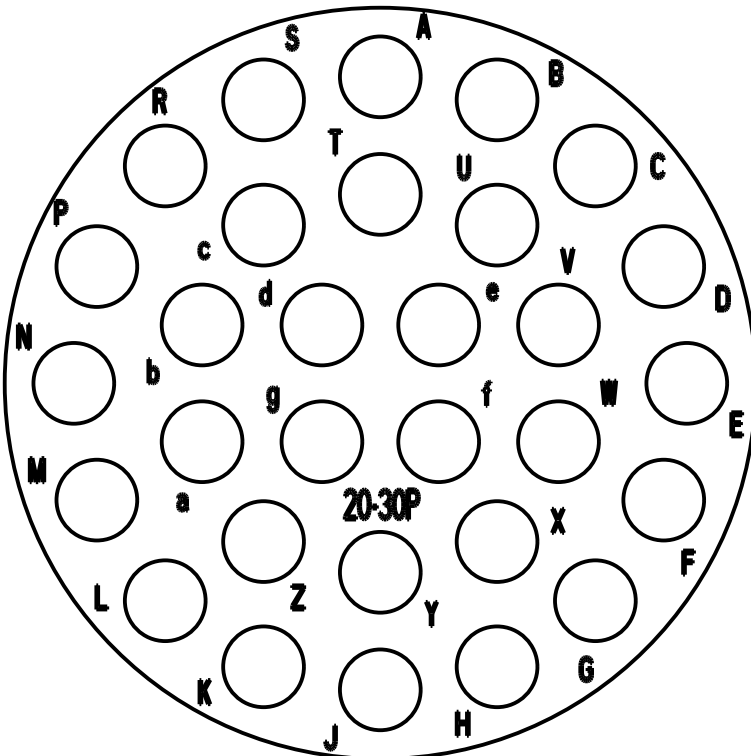
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28 $\varnothing$ 1.6 (#16)



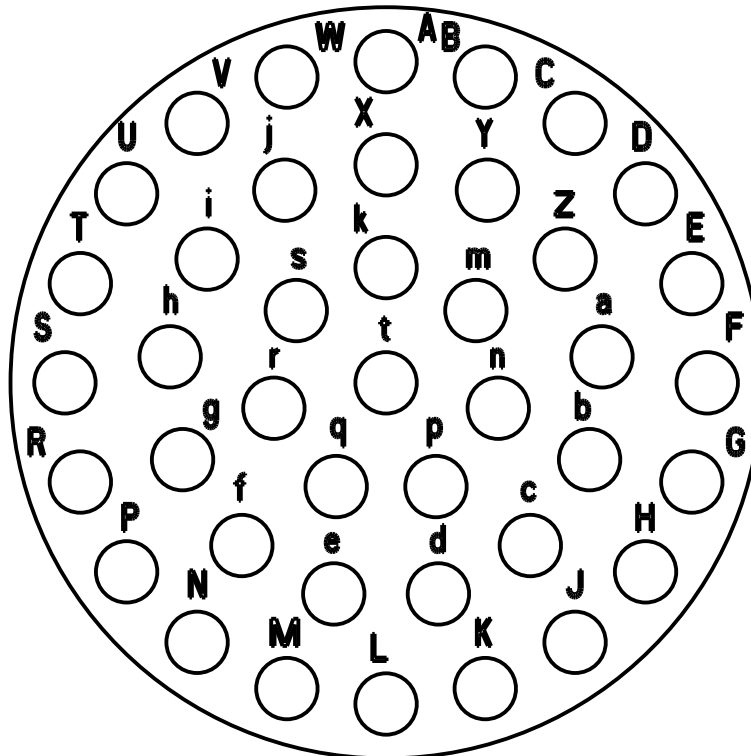
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30 $\varnothing$ 1.6 (#16)



2041

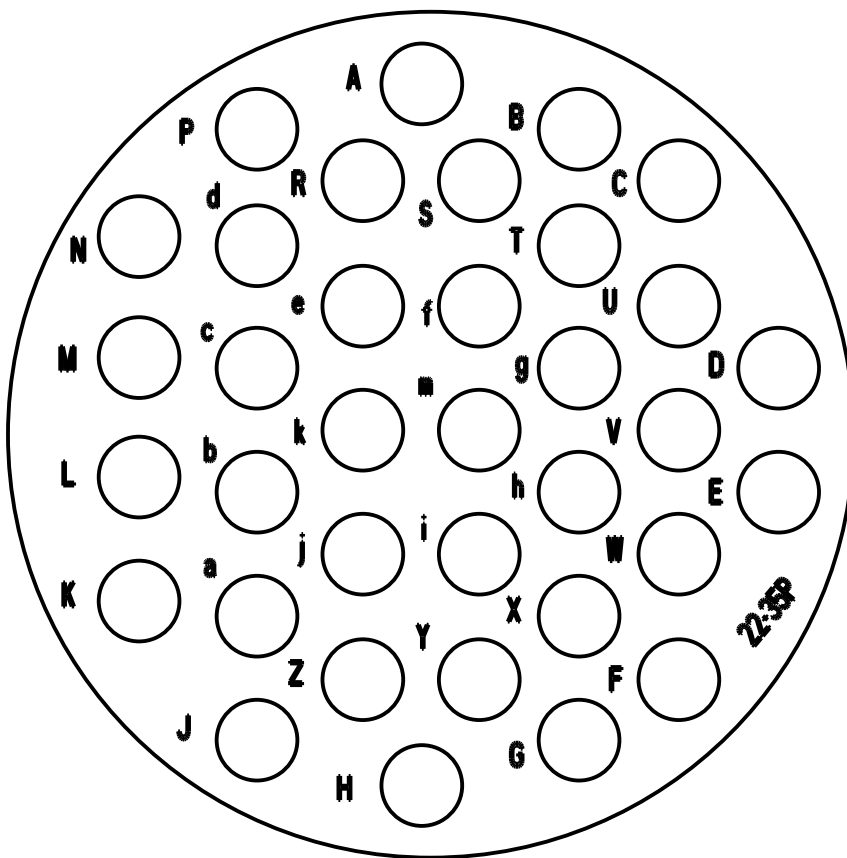
41 $\varnothing$ 1 (#20)



SIZE 22

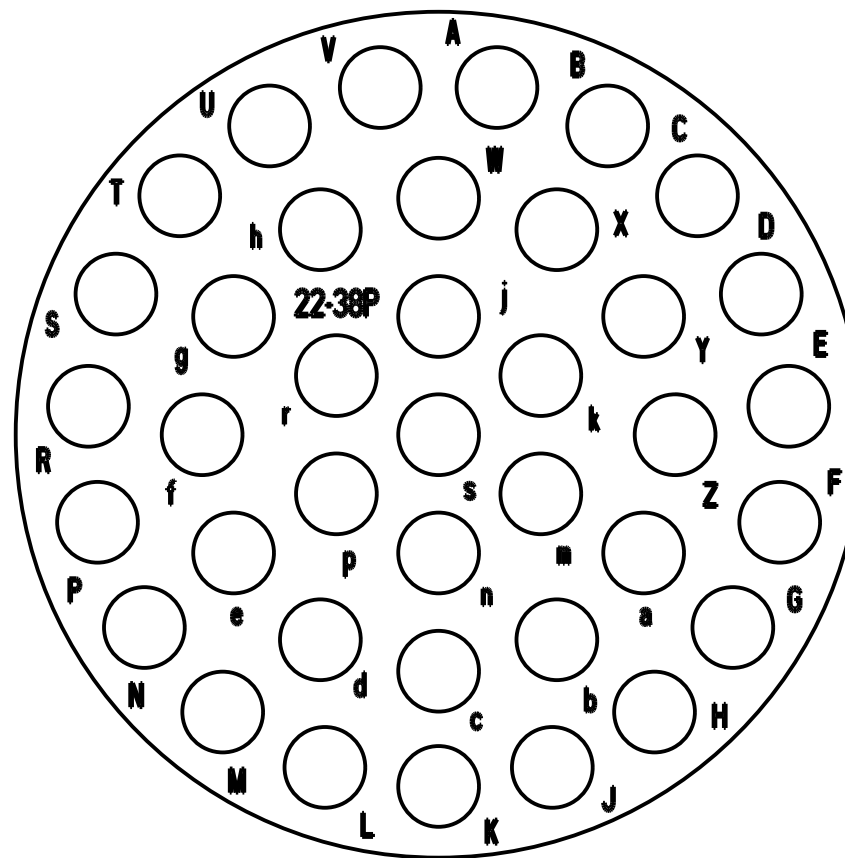
2235

35 $\varnothing$ 1.6 (#16)



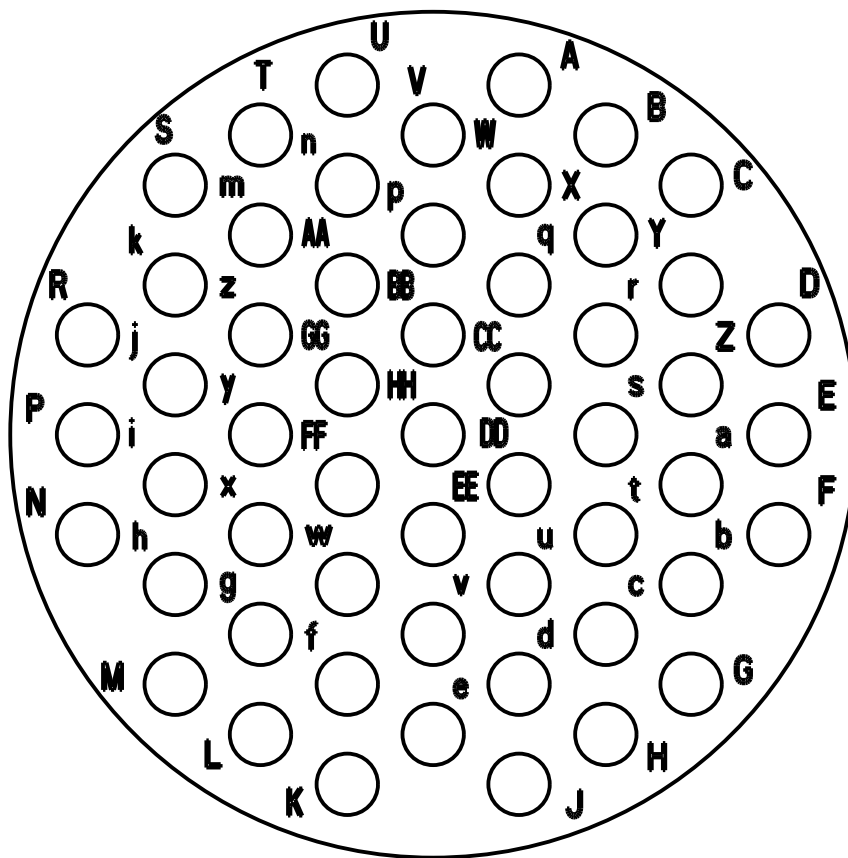
2238

38 $\varnothing$ 1.6 (#16)



2255

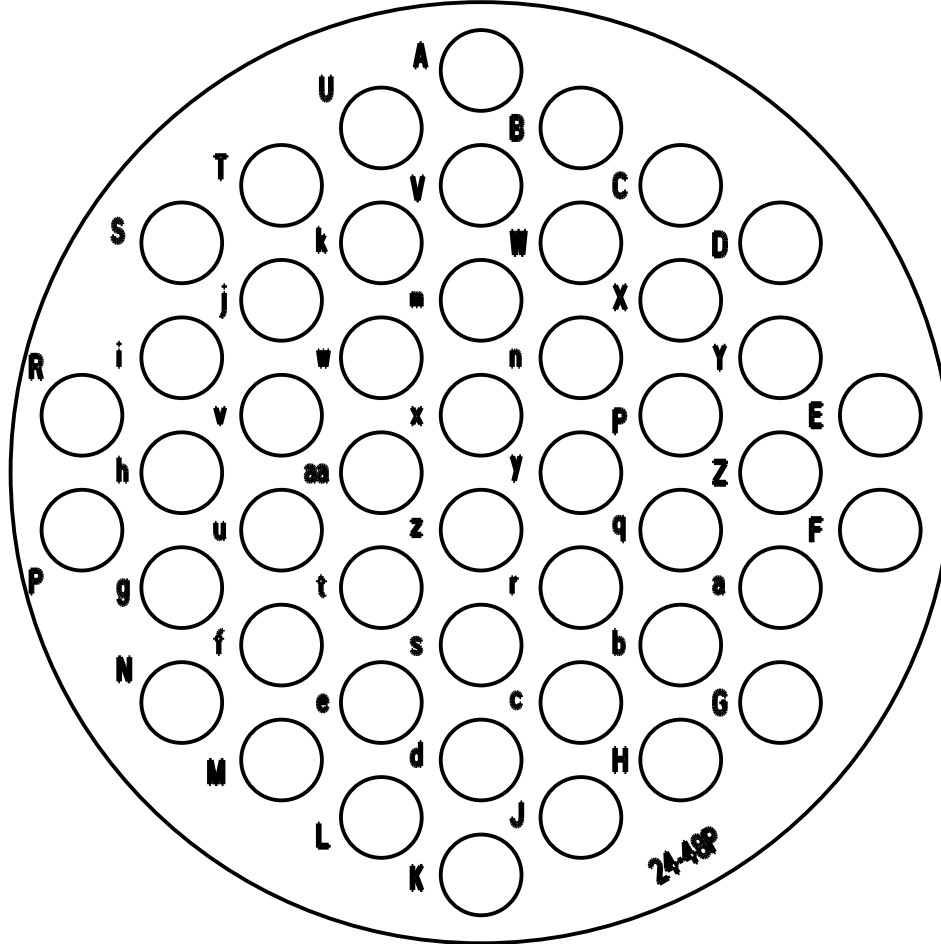
55 $\varnothing$ 1 (#20)



SIZE 24

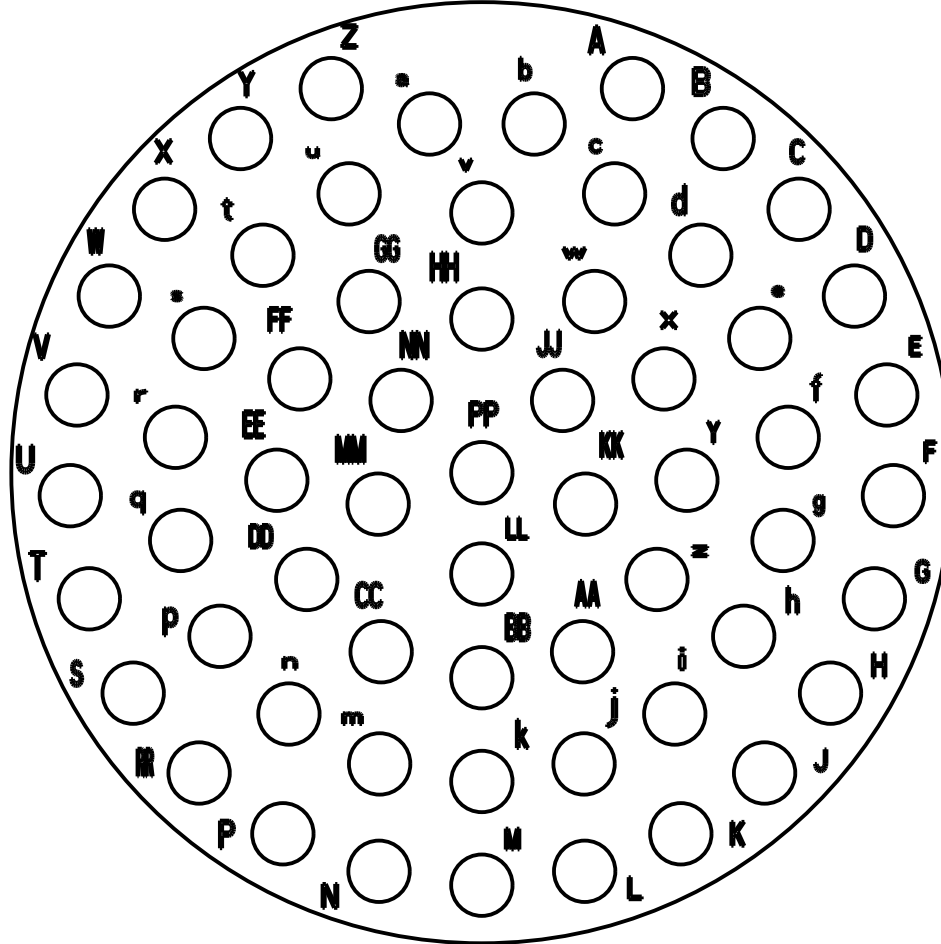
2448

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		MALE CONNECTOR UT0, UTOW and UTS		
Scale	General angular	MATERIAL		
1/2	Tolerances: ± 1°			
	General linear Tolerances : ±0.1	General machining surface texture 	Geometrical Tolerances See NF EN ISO 1101	PROJECT MSKI
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FORMAT		DRAWING REFERENCE UTO-CONTACT-L-C01		SHEET 3 / 3
A1				