LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material : Aluminium

-Shell Plating : Olive drab Cadmium

-Insulator : Thermoplastic

-Contacts : Copper Alloy

-Seals & Grommet : Silicon Elastomer

-Contact Plating : Gold over copper Alloy 0.8µm minimum

-Durability : 500 Mating cycles

-Delivered with Souriau contacts and Accessories

-Temperature Range : -65°C to +175°C
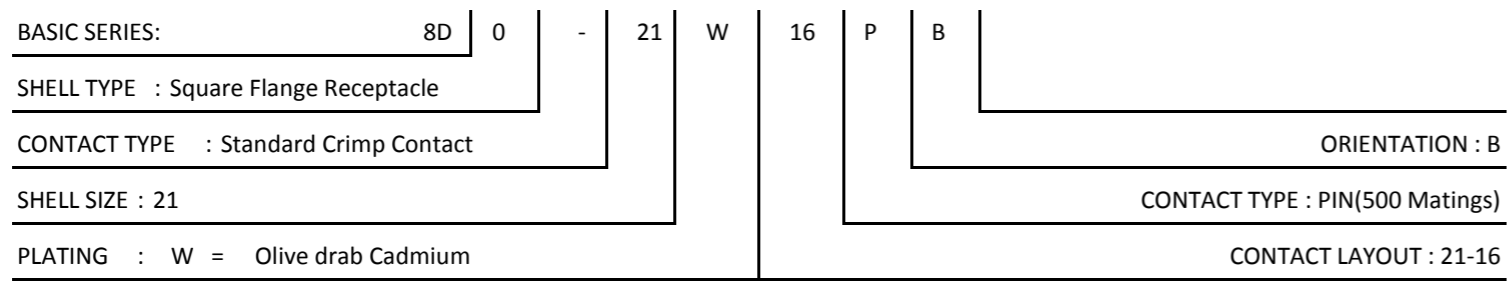
-Salt Spray : 500 hours

-Mass : 36.41 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	31.75
R2	29.36
S	39.7±0.3
V	20.07+0/-1.25
W	2.1/3.2
Z	31.5 Max
VV THREAD	M31x1-6g

SOURIAU shall not be liable for any non-conformity or damage
due to a use of the Products which does not comply with
the Specifications issued by either of the Parties or by a third party
(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D021W16PB

A	03-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE — Aluminium Receptacle 8D series

SCALE — NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU — WWW.SOURIAU.COM

BASIC SERIES:	8D	0	-	21	W	16	P	B

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 21

PLATING : W = Olive drab Cadmium

ORIENTATION : B

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-16

FORMAT **A3**

SOURIAU DRG N°
8D021W16PB-C

SHEET 1/2

Contact Layout

Contacts (Insert arrangement 21-16)						
Contact position ID	Location		Contact position ID	Location		
	X-axis	Y-axis		X-axis	Y-axis	
A	+.118 (3.00)	+.322 (8.18)	J	-.341 (8.66)	+.036 (0.91)	
B	+.271 (6.88)	+.211 (5.36)	K	-.271 (6.88)	+.211 (5.36)	
C	+.341 (8.66)	+.036 (0.91)	L	-.118 (3.00)	+.322 (8.18)	
D	+.308 (7.82)	-.150 (3.81)	M	+.000 (0.00)	+.175 (4.45)	
E	+.182 (4.62)	-.290 (7.37)	N	+.154 (3.91)	+.062 (1.57)	
F	+.000 (0.00)	-.343 (8.71)	P	+.094 (2.39)	-.122 (3.10)	
G	-.182 (4.62)	-.290 (7.37)	R	-.094 (2.39)	-.122 (3.10)	
H	-.308 (7.62)	-.150 (3.81)	S	-.154 (3.91)	+.062 (1.57)	

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-16	16	16	II	All	MS20055-16

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING

Dim	Nominal
ØA	36.12 min
ØAA	32.16 min
R1	31.75
ØT	3.25 ±0.13

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Designed By: | Date: | **CUSTOMER DRAWING**

TITLE | Aluminium Receptacle 8D series

SCALE | | General linear Tolerances: | NPRDS / PROJECT
NA | | ±-- | **859**

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FORMAT | SOURIAU DRG N° | SHEET
A3 | 8D021W16PB-C | 2/2