22.6 Max

R

W

B On flat

VV Thread

S

Ø A

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material   : Aluminium

-Shell Plating   : Nickel

-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 +200°C

-Salt Spray   : 48 hours

-Mass   : 37.89 g ± 10%

Connector dimension	
Dim	**Nominal**
A	41.3±0.3
B	26.97+0.1/-0.15
R	32.5Max
S	38.1±0.4
W	2.2+0.9/-0.1
VV THREAD	M22x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D715F19BC

A	08-11-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES: 8D 7 - 15 F 19 B C

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 15

PLATING   : F =   Nickel

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 15-19

TITLE   Aluminium Receptacle 8D series

SCALE

NA

General linear Tolerances: ±--

NPRDS / PROJECT

859

SOURIAU   WWW.SOURIAU.COM

FORMAT

A3

SOURIAU DRG N°

8D715F19BC-C

SHEET

1/2

Contact Layout

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Max. thickness panel for receptacle:Type 7: 3.2 mm

Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+.000 (0.00)	+.225 (5.72)	L	-.195 (4.95)	+.113 (2.87)
B	+.130 (3.30)	+.225 (5.72)	M	-.130 (3.30)	+.225 (5.72)
C	-.195 (4.95)	-.113 (2.87)	N	-.065 (1.65)	+.113 (2.87)
D	+.260 (6.60)	+.000 (0.00)	P	+.065 (1.65)	+.113 (2.87)
E	+.195 (4.95)	-.113 (2.87)	R	+.130 (3.30)	+.000 (0.00)
F	+.130 (3.30)	-.225 (5.72)	S	+.065 (1.65)	-.113 (2.87)
G	+.000 (0.00)	-.225 (5.72)	T	-.065 (1.65)	-.113 (2.87)
H	-.130 (3.30)	-.225 (5.72)	U	-.130 (3.30)	+.000 (0.00)
J	-.195 (4.95)	-.113 (2.87)	V	+.000 (0.00)	+.000 (0.00)
K	-.260 (6.60)	+.000 (0.00)	---	---	---

Contacts (Insert arrangement 15-19)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-19	19	20	I	All	MS20052-19

Dim	Nominal
B	27.56+0/-0.25
ØC	28.83+0.25/-0

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: 8D715F19BC

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

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	8D715F19BC-C	2/2