Drawing Views

R
22.6 Max
W
VV Thread
B On flat
S
∅A

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material   : Stainless Steel
-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 without Souriau contacts

-Temperature Range   : -65°C to +200°C
-Salt Spray   : 500 hours

Connector dimension	
Dim	**Nominal**
A	52.4±0.3
B	36.5+0.1/-0.15
R	32.5Max
S	49.2±0.4
W	3+0.9/-0.1
VV THREAD	M31x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D721S16SCL

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

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Stainless Steel Receptacle 8D series

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

SOURIAU   WWW.SOURIAU.COM

FORMAT   SOURIAU DRG N°   SHEET
A3   8D721S16SCL-C   1/2

Part Number Breakdown

BASIC SERIES: 8D 7 - 21 S 16 S C L

SHELL TYPE   : Jam nut Receptacle
CONTACT TYPE   : Standard Crimp Contact
SHELL SIZE : 21
PLATING   : S =   Nickel

Delivered W/O Contacts
ORIENTATION : C
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 21-16

Contact Layout

Contacts (Insert arrangement 21-16)

Contact position ID	Location X-axis	Location Y-axis	Contact position ID	Location X-axis	Location 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 (7.82)	-.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

JAM NUT RECEPTACLE (TYPE 7)

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

Dim	Nominal
B	37.08+0/-0.25
ØC	38.35+0.25/-0

Country	Jurisdiction & Control List
FR	Not Listed

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A3	8D721S16SCL-C	2/2