Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material   : Composite

-Shell Plating   : Without Plating

-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   : 2000 hours

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: 8D021X77SC

A	30-09-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

| BASIC SERIES: | 8D | 0 | - | 21 | X | 77 | S | C |

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 21

PLATING   : X =   Without Plating

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 21-77

TITLE   Composite Receptacle 8D series

SCALE

NA

General linear
Tolerances:
±--

NPRDS / PROJECT
859

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FORMAT
A3

SOURIAU DRG N°
8D021X77SC-C

SHEET
1/2

Contact Layout

77

17#22D
2#8 Triax

21-77		
Ctc	X	Y
A	1.96	8.38
B	5.46	7.67
C	8.51	5.79
D	10.46	2.82
E	10.46	-2.82
F	8.51	-5.79
G	5.46	-7.67
H	1.96	-8.38
J	0	-5.41
K	-1.96	-8.38
L	-5.46	-7.67
M	-8.51	-5.79
N	-10.46	-2.82
P	-10.46	2.82
R	-8.51	5.79
S	-5.46	7.67
T	-1.96	8.38
U	-4.57	0
V	4.57	0

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

R1
R1
ØT
ØA

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

R1
R1
ØT
ØAA

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

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TITLE — Composite Receptacle 8D series

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D021X77SC-C	2/2