Views

Z
V
W
VV Thread

S
R1
R2
P
PP

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material	: Aluminium
-Shell Plating	: Black Zinc 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 +175°C
-Salt Spray	: 500 hours
-Mass	: 11.02 g ± 10%

Connector dimension

Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	20.62
R2	18.26
S	26.2±0.3
V	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M15x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D011Z02PAL

ISS	DATE	Latest modification - by	MOD N°
A	08-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES breakdown

BASIC SERIES: 8D 0 - 11 Z 02 P A L

- SHELL TYPE : Square Flange Receptacle
- CONTACT TYPE : Standard Crimp Contact
- SHELL SIZE : 11
- PLATING : Z = Black Zinc Nickel
- CONTACT LAYOUT : 11-02
- CONTACT TYPE : PIN(500 Matings)
- ORIENTATION : A
- Delivered W/O Contacts

TITLE	Aluminium Receptacle 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D011Z02PAL-C	1/2

Contact Layout

+Y
IB   IA
-X - + +X
- Y
.095 (2.41mm)   .095 (2.41mm)

Contacts (Insert arrangement 11-2)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+.095 (2.41)	+.000 (.00)
B	-.095 (2.41)	+.000 (.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location
11	-2	2	16	I	All

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	20.22 min
ØAA	15.88 min
R1	20.62
ØT	3.25 ±0.13

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.)

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D011Z02PAL-C	2/2