



LAYOUT SHOWN AS EXAMPLE

Keying 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 : 21.12 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.39±0.2
R1	24.61
R2	23.01
S	31±0.3
V	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M22x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D015Z15SCL

A	18-10-2016	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
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FORMAT	A3		SOURIAU DRG N° 8D015Z15SCL-C
			SHEET 1/2

BASIC SERIES: 8D 0 - 15 Z 15 S C L

SHELL TYPE : Square Flange Receptacle Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : C

SHELL SIZE : 15 CONTACT TYPE : SOCKET(500 Matings)

PLATING : Z = Black Zinc Nickel CONTACT LAYOUT : 15-15

Contact Layout



Contacts (Insert arrangement 15-15)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+100 (2.54)	+225 (5.72)	J	-244 (6.20)	+014 (0.36)
B	+202 (5.13)	+140 (3.56)	K	-202 (5.13)	+140 (3.56)
C	+244 (6.20)	+014 (0.36)	L	-100 (2.54)	+225 (5.72)
D	+218 (5.54)	-113 (2.87)	M	+000 (0.00)	+140 (3.56)
E	+126 (3.20)	-209 (5.31)	N	+110 (2.79)	+040 (1.02)
F	+000 (0.00)	-245 (6.22)	P	+000 (0.00)	-077 (1.96)
G	-126 (3.20)	-209 (5.31)	R	-110 (2.79)	+040 (1.02)
H	-218 (5.54)	-113 (2.87)			

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-15	14	20	I	P All other	MS20052-15

Panel Cutout



Dim	Nominal
ØA	26.59 min
ØAA	23.01 min
R1	24.61
ØT	3.25 ±0.13

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FORMAT	SOURIAU DRG N° 8D015Z15SCL-C		SHEET 2/2