



LAYOUT SHOWN AS EXAMPLE

Keying 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
- Mass : 26.5 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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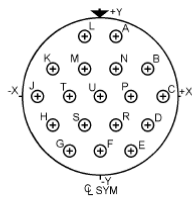
Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D015X18BA

A	17-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Composite Receptacle 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
NA			This document is the property of SOURIAU it must not be reproduced or communicated without permission
SOURIAU	WWW.SOURIAU.COM		
FORMAT	SOURIAU DRG N° 8D015X18BA-C		SHEET 1/2

BASIC SERIES:	8D	0	-	15	X	18	B	A
SHELL TYPE	: Square Flange Receptacle							
CONTACT TYPE	: Standard Crimp Contact							
SHELL SIZE	: 15							
PLATING	: X = Without Plating							
							ORIENTATION : A	
							CONTACT TYPE : SOCKET(500 Matings)	
							CONTACT LAYOUT : 15-18	

Contact Layout



Contacts (Insert arrangement 15-18)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+065 (1.65)	+252 (6.40)	K	-195 (4.95)	+113 (2.87)
B	+195 (4.95)	+113 (2.87)	L	-065 (1.65)	+252 (6.40)
C	+260 (6.60)	+000 (0.00)	M	-065 (1.65)	+113 (2.87)
D	+195 (4.95)	-113 (2.87)	N	+065 (1.65)	+113 (2.87)
E	+130 (3.30)	-225 (5.72)	P	+130 (3.30)	+000 (0.00)
F	+000 (0.00)	-225 (5.72)	R	+065 (1.65)	-113 (2.87)
G	-130 (3.30)	-225 (5.72)	S	-065 (1.65)	-113 (2.87)
H	-195 (4.95)	-113 (2.87)	T	-130 (3.30)	+000 (0.00)
J	-260 (6.60)	+000 (0.00)	U	+000 (0.00)	+000 (0.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-18	18	20	I	All	MS20052-18

Panel Cutout



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

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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D015X18BA-C		SHEET 2/2