Z

ØS

VV Thread

Keying Shown as example

CHARACTERISTICS

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

-Shell Material : Stainless Steel

-Shell Plating : Passivated

-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 +200°C
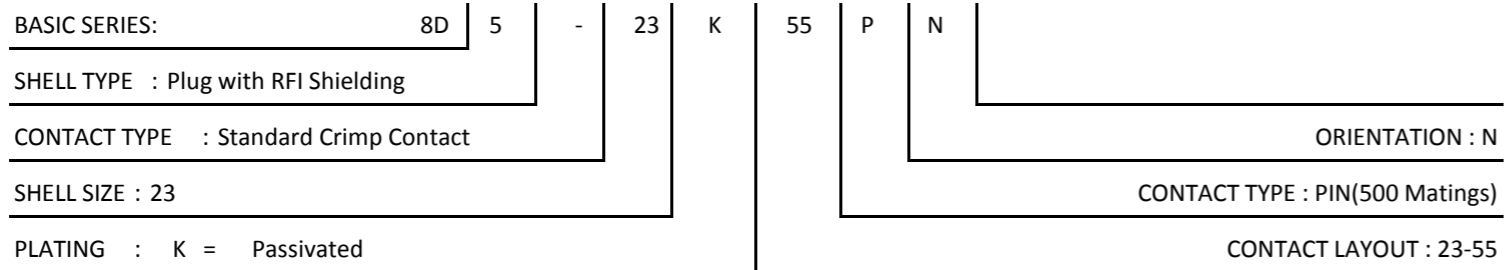
-Salt Spray : 500 hours

-Mass : 107.98 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	44.9 Max
Z	31 Max
VV THREAD	M34x1-6g

LAYOUT SHOWN AS EXAMPLE

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D523K55PN

A	06-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES: 8D 5 - 23 K 55 P N

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 23

PLATING : K = Passivated

ORIENTATION : N

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 23-55

TITLE Stainless Steel Plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU WWW.SOURIAU.COM

FORMAT **A3**

SOURIAU DRG N° 8D523K55PN-C

SHEET 1/2

Contact Layout

Contacts
(Insert arrangement 23-55)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.112 (2.84)	+.455 (11.56)	f	-.112 (2.84)	-.325 (8.26)
B	+.225 (5.72)	+.390 (9.91)	g	-.225 (5.72)	-.260 (6.60)
C	+.336 (8.53)	+.325 (8.26)	h	-.336 (8.53)	-.195 (4.95)
D	+.450 (11.43)	+.130 (3.30)	i	-.336 (8.53)	-.065 (1.65)
E	+.450 (11.43)	+.000 (0.00)	j	-.336 (8.53)	+.065 (1.65)
F	+.450 (11.43)	-.130 (3.30)	k	-.336 (8.53)	+.195 (4.95)
G	+.336 (8.53)	-.325 (8.26)	m	-.225 (5.72)	+.260 (6.60)
H	+.225 (5.72)	-.390 (9.91)	n	-.112 (2.84)	+.325 (8.26)
J	+.112 (2.84)	-.455 (11.56)	p	+.000 (0.00)	+.260 (6.60)
K	-.112 (2.84)	-.455 (11.56)	q	+.112 (2.84)	+.195 (4.95)
L	-.225 (5.72)	-.390 (9.91)	r	+.225 (5.72)	+.130 (3.30)
M	-.336 (8.53)	-.325 (8.26)	s	+.225 (5.72)	+.000 (0.00)
N	-.450 (11.43)	-.130 (3.30)	t	+.225 (5.72)	-.130 (3.30)
P	-.450 (11.43)	+.000 (0.00)	u	+.112 (2.84)	-.195 (4.95)
R	-.450 (11.43)	+.130 (3.30)	v	+.000 (0.00)	-.260 (6.60)
S	-.336 (8.53)	+.325 (8.26)	w	-.112 (2.84)	-.195 (4.95)
T	-.225 (5.72)	+.390 (9.91)	x	-.225 (5.72)	-.130 (3.30)
U	-.112 (2.84)	+.455 (11.56)	y	-.225 (5.72)	+.000 (0.00)
V	+.000 (0.00)	+.390 (9.91)	z	-.225 (5.72)	+.130 (3.30)
W	+.112 (2.84)	+.325 (8.26)	AA	-.112 (2.84)	+.195 (4.95)
X	+.225 (5.72)	+.260 (6.60)	BB	+.000 (0.00)	+.130 (3.30)
Y	+.336 (8.53)	+.195 (4.95)	CC	+.112 (2.84)	+.065 (1.65)
Z	+.336 (8.53)	+.065 (1.65)	DD	+.112 (2.84)	-.065 (1.65)
a	+.336 (8.53)	-.065 (1.65)	EE	+.000 (0.00)	-.130 (3.30)
b	+.336 (8.53)	-.195 (4.95)	FF	-.112 (2.84)	-.065 (1.65)
c	+.225 (5.72)	-.260 (6.60)	GG	-.112 (2.84)	+.065 (1.65)
d	+.112 (2.84)	-.325 (8.26)	HH	+.000 (0.00)	+.000 (0.00)
e	+.000 (0.00)	-.390 (9.91)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
23	-55	55	20	I	All	----

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D523K55PN

A	06-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE — Stainless Steel Plug 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D523K55PN-C	2/2