



ELECTRICAL DATA

-I max	7.5A
-Contact resistance	$\leq 7.3 \text{ m}\Omega$
-Insulation resistance	$\geq 5000 \text{ M}\Omega$
-TEST VOLTAGE	
contact/contact	$\geq 1000\text{V}$
contact/ground	$\geq 1200\text{V}$

MECHANICAL DATA

-Contact force	$\geq 0.14\text{N}$
-Retention force	$\geq 40\text{N}$
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	: 200 matings / unmatings
-Material shell	steel ,brigt tin-lead
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	socket :brass
-Finish on contact area	flash gold over nickel
-Finish on termination end	brigh tin-lead over nickel

ENVIRONMENTAL DATA

-Climatic category	-55°/ +125°/21
-Corrosion	salt spray: 24h

Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76} ₋₀	B ^{+0.25} ₋₀	C ^{+0.12}	F ^{+0.57} ₋₀	G ^{+0.25} ₋₀	H ^{+0.51} ₋₀	L ^{+0.24} ₋₀	M ^{+0.20}	Part number
E	09	30.43	16.21	24.99	10.64	6.05	19.02	0.78	15.20	DEPV09S531GT
A	15	38.76	24.54	33.32	10.64	6.05	27.25	0.78	15.20	DAPV15S531GT
B	25	52.65	38.25	47.04	10.64	6.05	41.02	0.78	15.20	DBPV25S531GT
C	37	68.94	54.71	63.50	10.64	6.05	57.45	0.78	15.40	DCPV37S531GT

a	14/01/02	Creation of drawing	--
ISS	DATE	Latest modification by : JARRY	MOD N°
Designed by: JARRY		date:14/01/02	Type of drawing: --
TITLE : SOCKET CNRS SUB D RIGHT ANGLED WITH PLASTIC BRACKETS + HARPOONS			SHEET --
SCALE: 2	FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. (33)02.43.78.34.00		This document is the property of FRAMATOME CONNECTORS FRANCE. It must not be reproduced or communicated without permission in writing from the owners.
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