



ELECTRICAL DATA

-I max	5A
-Contact resistance	≤10mΩ
-Insulation resistance	≥5000MΩ
-TEST VOLTAGE	
contact/contact	≥1000V
contact/ground	≥1200V

MECHANICAL DATA

-Contact force	≥0.20N
-Retention force	≥20N
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	≥500
-Material shell	steel, bright tin-lead
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	Pin: brass; Socket: phosphor bronze
-Finish on contact area	gold over nickel
-Finish on termination end	bright tin-lead over nickel
-Solderability	according to DIN 41640 Part 70, test 12a
-Shock	according to DIN41640 Part 14, test 6c, 50g
-Vibration	according to DIN41640 Part 15, test 6d, 20g
	10 to 2000Hz: discontinuity ≤1μs

ENVIRONMENTAL DATA

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

Dimension are in millimetre

Shell size	Number of contacts	A ^{+0.76} ₀	B ^{+0.25} ₀	C ^{±0.12}	F ^{+0.51} ₀	G	H ^{+0.51} ₀	K ^{Maxi}	PART NUMBER
E	09	30.43	16.79	24.99	10.47	5.80 ^{+0.25} ₀	19.02	1.50	DEV09P564CTX
A	15	38.76	25.12	33.32	10.47	5.80 ^{+0.25} ₀	27.25	1.50	DAV15P564CTX
B	25	52.65	38.84	47.04	10.56	5.69 ^{+0.30} ₀	41.02	1.50	DBV25P564CTX
C	37	68.94	55.30	63.50	10.56	5.69 ^{+0.30} ₀	57.45	1.50	DCV37P564CTX

b	04/12/02	Revised to day .	--
ISS	DATE	Latest modification by : JARRY	MOD N°
Designed by: JOUBERT date: 18/04/96			Type of drawing: CLIENT
TITLE : PIN CONNECTORS D SUB RIGHT ANGLE			SHEET 1/1
SCALE: 1.5			
		FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43	
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