



Dimensions are in millimeters

Shell Number of size contacts	A <sub>0</sub> <sup>+0.76</sup>	B <sub>0</sub> <sup>+0.25</sup>	C <sub>0</sub> <sup>+0.12</sup>	F <sub>0</sub> <sup>+0.53</sup>	G <sub>0</sub> <sup>+0.51</sup>	H <sub>0</sub> <sup>+0.24</sup>	L <sub>0</sub>	Part Number
E 09	30.43	16.79	24.99	10.46	5.90 <sup>+0.15</sup>	19.02	0.78	DE09P065TX DE09P067TX
A 15	38.76	25.12	33.32	10.46	5.90 <sup>+0.15</sup>	27.25	0.78	DA15P065TX DA15P067TX
B 25	52.65	38.84	47.04	10.43	5.70 <sup>+0.25</sup>	41.02	0.78	DB25P065TX DB25P067TX
C 37	68.94	55.30	63.50	10.57	5.70 <sup>+0.25</sup>	57.45	0.98	DC37P064TX DC37P065TX DC37P067TX

Plating: 4 --> flash AU  
 Plating: 5 --> 0.75µ AU  
 Plating: 7 --> 0.4µ AU

**ELECTRICAL DATA**

- I max >10mA
- Contact resistance <10mΩ
- Insulation resistance >50000kΩ
- TEST VOLTAGE contact/contact >1000V contact/ground >1200V

**MECHANICAL DATA**

- Contact force >0.14N >40N
- Retention force according to DIN41652 Part 2
- Insertion force according to DIN41652 Part 2
- Withdrawal force >200 For plating 4
- Mechanical endurance >500 For plating 5 and 7
- Material shell steel, tin plated
- Material insulator glass filled thermoplastic UL94V0
- Material contacts pin/brass
- Finish on contact area gold over nickel (see table)
- Finish on termination end bright tin-lead over nickel
- Solderability according to DIN41640 Part 70, test 12a according to DIN41640 Part 14, test 6c,50g
- Shock according to DIN41640 Part 15, test 6d,20g
- Vibration 10 to 2000Hz:discontinuity<sup>4</sup>µs

**ENVIRONMENTAL DATA**

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

ISS. DATE: 17/04/03 creation of drawing  
 Latest modification by: BART.S  
 MOD. N° --  
 Designed by: JOUBERT date 07/12/94 Type of drawing: CLIENT  
 SHEET 1/1  
 TITLE: PIN CONNECTORS D SUB WITH SOLDER CONTACTS.  
 SCALE: 2.0  
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 PROJECT M94D001  
 FORMAT A3  
 SOURIAU DRG N° C01-8636-1546

