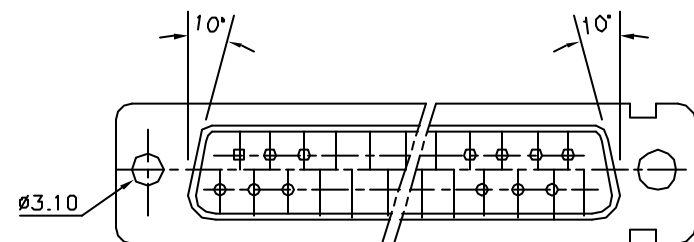


Technical drawing of a 1/2 inch NPT female plug. The drawing shows a cross-section of the plug with a threaded top section and a wider base. Dimensions are indicated: a vertical dimension of 2.60 for the base section and a vertical dimension of 7.60 for the total height. A horizontal dimension line at the bottom indicates the diameter is D. A note 'SEE NOTE' is present next to the diameter dimension.

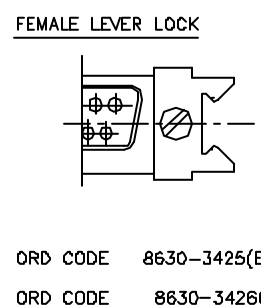
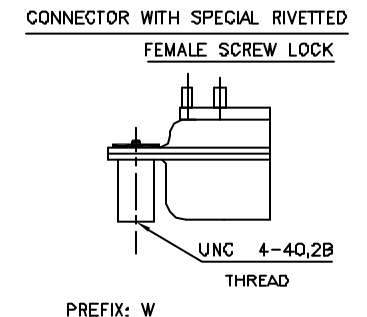
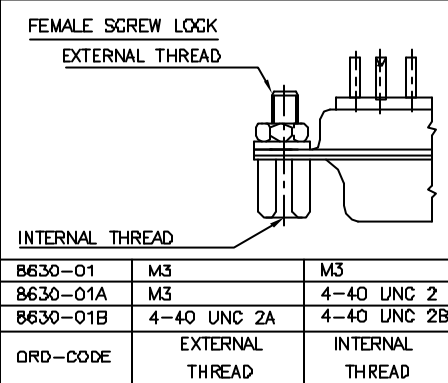
SHELLS	:	TIN/CADMIUM/ZINC PLATED STEEL
INSULATOR MATERIAL	:	SELF EXTINGUISHING THERMOPLASTIC TO UL CLASS 94 V0
		THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C
		IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)
		OR PROTECTIVE METALLIC DEVICE
CONTACTS DIA ON ACTIVE AREA	:	Ø1 MM.
CONTACTS MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	GOLD OVER NICKEL (ACTIVE ZONE)
	:	TINLEAD OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	:	2 µMIN.MATTE TIN TOP OVER
		1.27 µMIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
OPERATING TEMPERATURE	:	-55°C +125°C
OPERATING CURRENT	:	5 A PER CONTACT
CONTACT RESISTANCE	:	≤10m Ω
INSULATION RESISTANCE	:	≥5000M Ω
MAXIMUM VOLTAGE	:	1000 V.r.m.s
MECHANICAL ENDURANCE	:	200 MATINGS .
DAMP HEAT	:	21 DAYS.
WIRE SIZE	:	0.6 MM ² (AWG 20) MAX.



ORDERING INFORMATION

[illegible]

NOTE:— INSIDE DIMENSIONS OF THE MALE AND OUTSIDE DIMENSIONS OF THE FEMALE CONNECTOR



Housing will withstand exposure to 260°C peak temp for 3.5sec

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DE09P065TX - D-Subminiatures

Cable connector 9 way Pin Solder Bucket

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-  [> D-Subminiature Brochure](#)
-  [> Connector Overview Brochure](#)

Specifications

Application Tooling

-  [> Asia Pacific Application Tooling](#)
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-  [> Europe Application Tooling](#)

Approvals /

General Dimensional Electrical Mechanical Mounting Physical Certifications

General

Contact type	Signal
Gender	Pin
Number of contacts (Total)	9
Product Type	Connector
Termination Style	Solder Bucket

Dimensional

Size (Shell)	E
Size (Wire)	20 AWG max on Signal

Electrical

Current rating	5A Per Signal Contact
Resistance (Contact)	< 10 milli-ohms
Voltage rating	300V rms at 50 Hz
Voltage rating (DWV - Dielectric withstanding)	1000V rms

Mechanical

Durability (Mating cycles)	>500 Cycles
Extraction force (Signal)	0.3N min Per Contact
Insertion force (Signal)	5N max Per Contact

Mounting

Mounting options	Without Accessory
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Physical

Plating (Contact)	Gold over Nickel
Plating (Shell)	Semi bright Nickel
Plating (Solder tail)	SnPb
Plating (Termination)	Tin-Lead over Nickel
Temperature (Range)	-55°C to +125°C

Approvals / Certifications

Approvals / Certifications	Recognized (File E 118235)
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