



COMPONENT NEWS

PREPRODUCTION ENGINEERING

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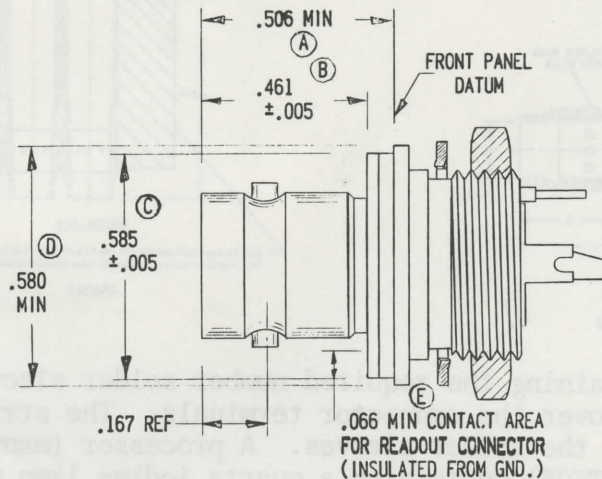
COMPILED BY PRODUCT RELIABILITY INFORMATION

NO. 91

DATE 10-22-68

BNC INPUT CONNECTOR DIMENSIONAL REQUIREMENTS

It is required that the following dimensions be observed for all future use of the *GENERAL PURPOSE* and *READOUT* input BNC connectors.



1. Dimension (A) is required for *ALL* input BNC connectors.
2. Dimensions (B) thru (E) are required for all *READOUT* BNC input connectors.
3. Reference - Maximum of mating connector (cable end) is .700 diameter.
4. Clearance minimum - 3/4" minimum spacing center-to-center is required for BNC input connectors.

For further information contact me at Ext 7138.

-Dwane Romine

FAIRCHILD μ A 741C INTEGRATED CIRCUIT

The *FAIRCHILD* μ A 741C operational amplifier offers the advantages of the LM201 (156-0027-00) with a substantial reduction in price. The 741C and the LM201 are interchangeable in applications where the input offset balance is not used. For further details, contact me at Ext 6520.

-Don Roberts

MULTI-PIN CONNECTOR

A new multi-pin connector soldering aid has just been announced by the *RAYCHEM CORPORATION*. It is called the *THERMOFIT SOLDER-PAK** system which consists of a sleeve of heatshrinkable polyvinylidene fluoride containing an Sn 63 flux filled solder preform. (Fig 1) These parts (1,000 per pak) are temporarily attached at regular intervals to a carrier strip of adhesive coated high temperature tape. This carrier strip is removed from the sleeves upon completion of the termination. They are currently available in 0.050, 0.085, 0.100, and 0.125 center-to-center spacings (A-A Fig 2) for PVC insulated wires in the range of 22 to 30 AWG.

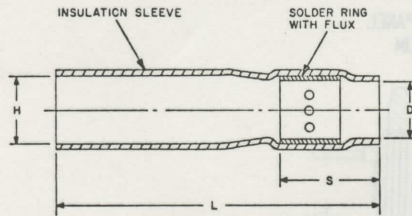


FIGURE 1

Solder Sleeve (D-136-05)

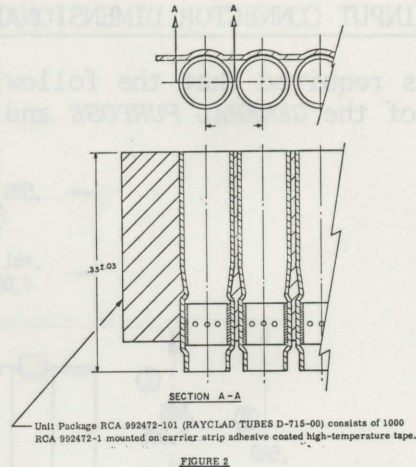


FIGURE 2

A length of strip containing the required number solder sleeves is cut from the pak and laid over the connector terminals. The stripped wires are then inserted into the solder sleeves. A processor (manufactured by the *RAYCHEM CORPORATION*) containing a quartz iodine lamp provides a timed heat energy input to provide fast, precise application of the parts to the connector.

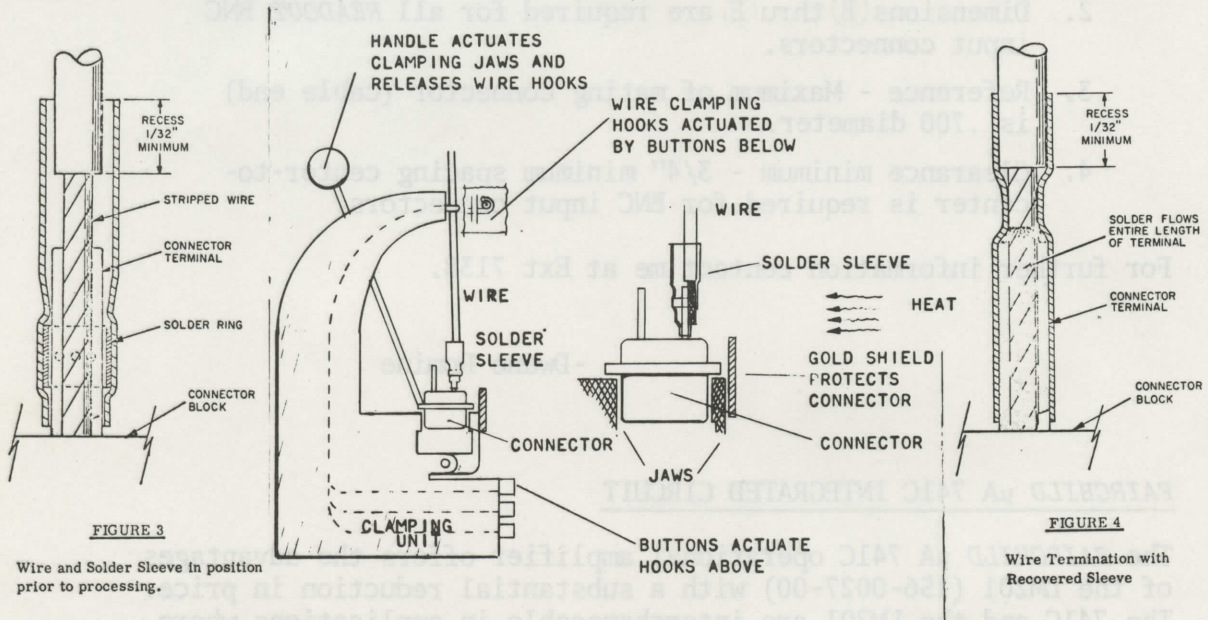


FIGURE 3
Wire and Solder Sleeve in position prior to processing.

FIGURE 4
Wire Termination with Recovered Sleeve

For further information contact me at Ext 416.

*RAYCHEM TRADEMARK

-Mel Christensen