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Over the years innovative system designers have started using circular connectors as the I/O (Input/Output) interconnect. They have done this for several reasons:

- Space
- Density
- Cost
- Elimination of additional interconnect

The J-TECH through Conesys organization has the ability to deliver connectors in several mil spec platforms in PC Tail or Compliant pin format.

**PLATFORMS** (these are standard that Conesys offers we can also do rectangular connectors like ARINC)

MIL-C-38999 Series I, II, III and IV

MIL-C-26482 Series II

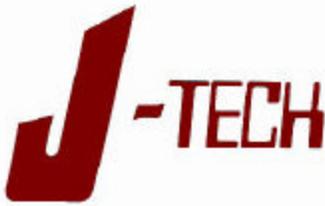
MIL-C-26500

MIL-C5015 Front and Rear Release

MIL-C-83723 Series III

## FAQ or Questions we need to know to quote

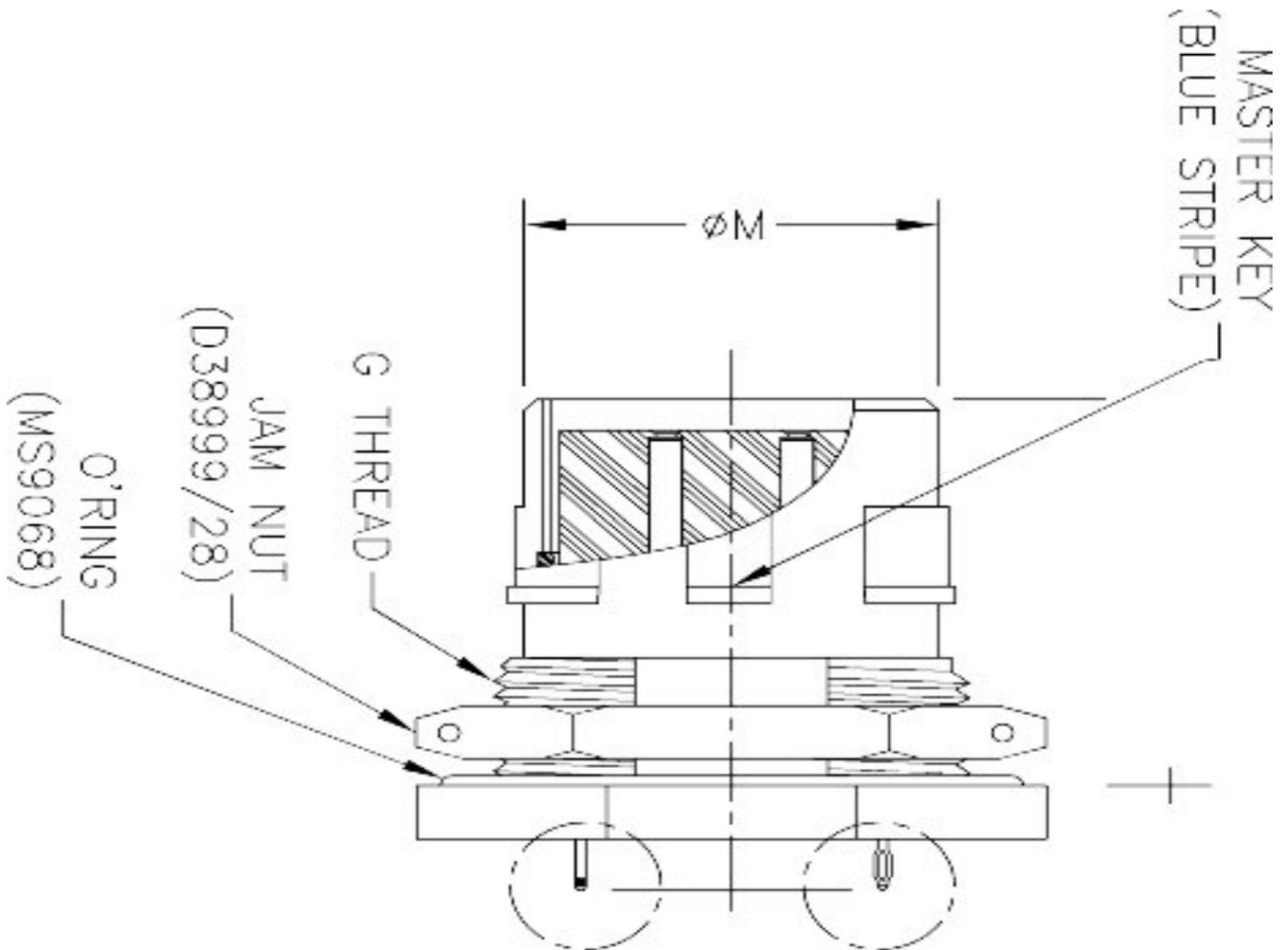
1. What platform the customer wants?
2. The insert pattern the customer wants to use? The insert pattern will dictate the size of the contacts and how many? Yes, we can do sizes other than 20,22, and 16. Usually these are for signal application but we can do power contacts.
3. Can we do pins and sockets? YES
4. Can we solder dip the tails of the contacts to enhance solderability? YES
5. Are they using a Printed Circuit Board or a flex circuit? We can do either.
6. The length of the tail coming out from the rear of the connector. The typical rule of thumb is that you take the maximum tolerance of the printed circuit board (PCB) plus .010". This allows a nice solder fillet around the end of the contact without having any "ice cycles" or strands of solder hanging from the end of the contact which may break off and cause a short.



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7. Do they want standoffs or clinch nuts?
8. How many?
9. How soon?

Typical PC Tail connector MIL-C-38999 Series IV Jam Nut Receptacle showing both PC Tail and Compliant Pin



We are working on data sheets now, which will give you more information. In the meantime ask your customers if they are using PC Tail circulars and lets get an order.