

FILCONN

A Hermetic Solutions Group Company

TRADITIONAL CIRCULAR CONNECTORS

THE MOST COMMON FILTER CONNECTOR PRODUCT IS MANUFACTURED PER MIL-DTL-38999/20 OR /24. THE /20 SERIES IS A FLANGE MOUNTED RECEPTACLE CONNECTOR AND THE /24 SERIES IS THE JAM NUT MOUNTED RECEPTACLE CONNECTOR. THE /24 SERIES IS SHOWN BELOW.



FILCONN, INC. MANUFACTURED THE FILTER CONNECTOR PACKAGE SHOWN ABOVE USING A **CRIMP TERMINATION** PER THE CUSTOMERS REQUIREMENTS. AS WITH ALL MIL-SPEC CONNECTORS WE MANUFACTURE, THE CRIMP TERMINATION MAY BE SUBSTITUTED FOR SOLDER CUPS OR PC TAILS DEPENDING ON THE APPLICATION.

THE FILTER CONNECTOR PACKAGE SHOWN BELOW WAS MANUFACTURED WITH A **COMPOSITE SHELL**. THE COMPOSITE SHELL MATERIAL PROVIDED A NET WEIGHT REDUCTION OF 40% COMPARED TO ALUMINUM, AND YET THE PLATING PROVIDED GROUNDING FOR THE FILTER. THIS APPLICATION WAS UNIQUE IN THAT THE CUSTOMER REQUIRED A WATERPROOF SEAL WITH THE MOUNTING FLANGE. TO ACCOMMODATE THIS, O-RINGS WERE UTILIZED WITH BLIND SCREW HOLES. HELICOILS PROVIDED THE MOUNTING MECHANISM. THE DELIVERY TIME TO CUSTOMER ON THIS PROJECT WAS 6 WEEKS.



**IF YOU HAVE A
UNIQUE REQUIRE-
MENT, CALL TO DIS-
CUSS OPTIONS WITH
AN ENGINEER!**

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TEL: 480.222.3565

EMAIL: SALES@FILCONN.COM

WWW.FILCONN.COM