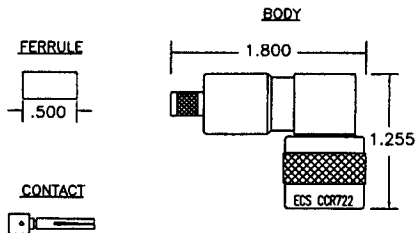


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DIMENSIONS \triangle

SPECIFICATIONS

ELECTRICAL

IMPEDANCE: 50 OHMS NOMINAL

FREQUENCY RANGE: 0-11 GHz

VSWR: 1.30:1 MAXIMUM

INSERTION LOSS: .1 dB MAX @ DC TO 2 GHz

WORKING VOLTAGE: 1000 VRMS @ SEA LEVEL

DIELECTRIC WITHSTANDING: 3000 VRMS @ SEA LEVEL

INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM

MECHANICAL @ 500 VOLTS DC

CONNECTOR INTERFACE DIMENSION PER MIL-STD-348A, FIGURE 302-1.

TERMINATION STYLE: INNER CONTACT-SOLDER OR CRIMP
OUTER CONTACT-FERRULE CRIMP

CABLE RETENTION: 30 LBS

ENVIRONMENTAL

TEMPERATURE RATING: -65° TO +165° C

VIBRATION: MIL-STD-202, METHOD 204, COND. B

SHOCK: MIL-STD-202, METHOD 213, COND. I

THERMAL SHOCK: MIL-STD-202, METHOD 107, COND. B

CORROSION: MIL-STD-202, METHOD 101, COND. B

MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

MATERIALS

BODY: BRASS PER QQ-B-626

FERRULE: ANNEALED BRASS PER QQ-B-626

CABLE CONTACT: BERYLLIUM COPPER PER QQ-C-530

CENTER CONTACT: BRASS PER QQ-B-626

OUTER CONTACT: BERYLLIUM COPPER PER QQ-C-530

DIELECTRIC: TEFLON PER L-P-403

GASKET: SILICONE RUBBER PER ZZ-R-765

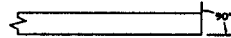
FINISHES

BODY, FERRULE: BRIGHT NICKEL PER QQ-N-290

CENTER CONTACT: GOLD PER MIL-G-45204

INSTALLATION INSTRUCTIONS

- BEGIN BY CUTTING THE CABLE OFF SQUARE.



- WHEN USING AUTOMATIC STRIPPING EQUIPMENT, STRIP CABLE AS SHOWN STARTING WITH L1 AND ENDING WITH L3. TAKE CARE NOT TO NICK THE CONDUCTORS WHILE STRIPPING THE DIELECTRIC AND JACKET. IF AUTOMATIC STRIPPING EQUIPMENT IS NOT AVAILABLE, STRIP ONLY L1 AND L3 AND TRIM EXCESS BRAID AT STEP 9.



- SLIDE THE FERRULE AND ADHESIVE SHRINK TUBING \triangle OVER THE END OF THE CABLE.



- SOLDER THE CONTACT ONTO THE CENTER CONDUCTOR, PER MIL-STD-2000, USING 63Sn/37Pb SOLDER OR CRIMP WITH M22520/5-57 DIE (B HEX). ENSURE THE CONTACT IS BUTTED AGAINST THE CABLE DIELECTRIC. CLEAN ALL FLUX RESIDUES USING AN APPROPRIATE FLUX CLEANER.



- USING TWEEZERS, FOLD THE OUTER BRAID BACK OVER THE CABLE JACKET, LEAVING AS MUCH WEAVE AS POSSIBLE.



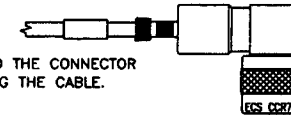
- USING TWEEZERS, FOLD THE INNER BRAID BACK OVER THE OUTER SHIELD, LEAVING AS MUCH WEAVE AS POSSIBLE.



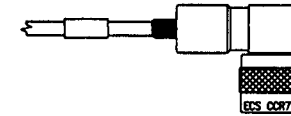
REVISIONS					
ECN	ZONE	REV.	DESCRIPTION	DATE	APPROVED
6188		N/C	NEW RELEASE.	9/10/98	MCT
13276		A	SEE ECN	7/12/01	C Chapman

- SLIDE THE BODY OF THE CONNECTOR OVER THE END OF THE CABLE UNTIL THE NOTCH IN THE CONTACT SEATS WITH THE DIELECTRIC RIDGE INSIDE THE CONNECTOR.

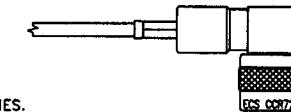
CAUTION: PUSH CABLE INTO THE CONNECTOR STRAIGHT, TO AVOID KINKING THE CABLE.



- FOLD BOTH BRAIDS UP OVER THE NECK OF THE CONNECTOR BODY.



- SLIDE THE FERRULE UP OVER THE SHIELDS AND AGAINST THE CONNECTOR BODY. TRIM AWAY ANY EXCESS BRAID. CRIMP THE FERRULE ONCE, NEXT TO THE BODY, USING A M22520/5-57 DIE (A HEX) IN A M22520/5-01 TOOL FRAME. APPLY ADHESIVE HEAT SHRINK. \triangle



NOTES

- ALL DIMENSIONS ARE IN INCHES.
- \triangle ENSURE HEAT SHRINK IS INSTALLED PRIOR TO CRIMPING CONNECTOR.
- \triangle ADHESIVE HEAT SHRINK SHOULD BE APPLIED IN ACCORDANCE WITH ECS WORK INSTRUCTION W10007. CONTACT ECS FOR A COPY OF THIS WORK INSTRUCTION.
- \triangle CONNECTOR DIMENSIONS ARE FOR REFERENCE ONLY.
- DELETED.
- DELETED.

APPROVALS		DATE	ELECTRONIC CABLE SPECIALISTS	
DRAWN BY: E ANDERSON		10/27/97	FRANKLIN, WI 53132	
CHECKED BY: C CHAPMAN		9/15/98	PHONE: (414) 421-5300	
DESIGNED BY:			TITLE: CUSTOMER SPECIFICATION	
PROJECT ENG: M TAUBENHEIM		9/10/98	C RIGHT ANGLE PLUG FOR ECS CABLE	
ENG. MGR: PETER JOBE		6/4/99	3C142B, 311901, 3C058A	
SIZE: B	CAGE CODE: 66197	LEVEL:	PART NO. CCR722	
SCALE:		FILE NO: FILE/SPEC/COMM/INST/CCR722	SHEET: 1 OF 1	