

REY. В 1

REVISIONS

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INSTALLATION INSTRUCTIONS

1. BEGIN BY CUTTING THE CABLE OFF SQUARE.

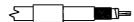
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2. WHEN USING AUTOMATIC STRIPPING EQUIPMENT, STRIP CABLE AS SHOWN STARTING WITH L1 AND ENDING WITH L3. TAKE CARE NOT TO NICK THE CONDUCTORS WHILE STRIPPING THE DIELECTRIC AND JACKET. IF AUTOMATIC STRIPPING EQUIPMENT IS NOT AVAILABLE, STRIP ONLY L1 AND L3 AND TRIM EXCESS BRAID AT STEP 10.



3. SLIDE THE FERRULE AND ADHESIVE SHRINK TUBING /1 OVER THE END OF THE CABLE.



4. SOLDER THE CONTACT ONTO THE CENTER CONDUCTOR, PER MIL-STD-2000, USING 63Sn/37Pb SOLDER OR CRIMP WITH M22520/5-13 DIE (B HEX). ENSURE THE CONTACT IS BUTTED AGAINST THE CABLE DIELECTRIC. CLEAN ALL FLUX RESIDUES USING AN APPROPRIATE FLUX CLEANER.



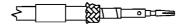
5. USING TWEEZERS, FOLD THE OUTER BRAID BACK OVER THE CABLE JACKET, LEAVING AS MUCH WEAVE AS POSSIBLE.



6. SLICE THE ALUMINUM/POLYESTER FOIL LENGTHWISE ABOUT EVERY 1/8". GENTLY ROTATE PIN TO SEPARATE THE FLAT FOIL BRAID AND ALUMINUM/POLYESTER FOIL FROM THE DIELECTRIC. USING TWEEZERS, FOLD BACK ALUMINUM/POLYESTER FOIL OVER THE OUTER BRAID.

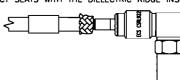


7. USING TWEEZERS, FOLD THE INNER BRAID BACK OVER THE OTHER SHIELDS, LEAVING AS MUCH WEAVE AS POSSIBLE. NOTE: DO NOT UNRAVEL DIELECTRIC WHEN PULLING BACK INNER SHIELD.

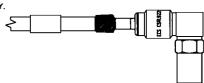


ZONE REV. DESCRIPTION APPROVED 40680 B2 B ADDED FLAG NOTE 4 7/6/10 CAC

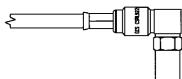
8. SLIDE THE BODY OF THE CONNECTOR OVER THE END OF THE CABLE UNTIL THE RIDGE ON THE CONTACT SEATS WITH THE DIELECTRIC RIDGE INSIDE THE CONNECTOR BODY.



9. FOLD ALL THREE 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 THE M22520/5-13 DIE (A HEX) IN A M22520/5-01 TOOL FRAME. APPLY ADHESIVE HEAT SHRINK.



NOTES

1) ENSURE HEAT SHRINK IS INSTALLED PRIOR TO CRIMPING CONNECTOR.

CONNECTOR DIMENSIONS ARE FOR REFERENCE ONLY.

3. PICTORIALS SHOW CONNECTOR INSTALLATION ON ECS 311501 AND 311601 CABLE, WHEN INSTALLING THIS CONNECTOR ON 421601 THERE ARE ONLY ONLY 2 SHIELDS WHICH SHOULD BE FOLDED BACK AS SHOWN IN STEP 6 AND STEP 7 WOULD BE OMITTED.

WHEN TERMINATING TO 421601 CABLE CENTER CONTACT SHALL BE SOLDERED. DO NOT CRIMP.

ALL LENGTHS IN INCHES		ELECTRONIC CABLE SPECIALISTS FRANKUN, WI 53132 E C S PHONE: (1414) 421-3500						
APPROVALS	DATE							
DRAWN BY C CHAPMAN	08/02/04		CUST					
CHECKED BY PETER LEE	08/04/04	SMA 90° EXTENDED PLUG FOR ECS CABLE 311601, 311501 & 421601						
DESIGNED BY:		SIZE	CAGE CODE			PART NO.		
PROJECT ENG: C CHAPMAN	08/04/04	B	661	97			CSRLS	922
ENG. MGR:		FILE NO. F:\STORAGE\E\SPEC\CONN\INST\CSRL922 SHEET 1 OF 1						

BODY: STAINLESS STEEL PER QQ-S-763 CONTACTS: GOLD PER MIL-G-45204