

THIS PRINT AND ASSOCIATED DOCUMENTS AND THE CONTAINED INFORMATION ARE THE CONFIDENTIAL PROPERTY OF EMTEQ, INC., AND SHALL NOT BE REPRODUCED, TRANSFERRED TO OTHER DOCUMENTS, DISCLOSED TO OTHERS, USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF EMTEQ, INC.

SPECIFICATIONS

ELECTRICAL

IMPEDANCE 50 OHMS
FREQUENCY RANGE 0 TO 2 GHZ
VOLTAGE RATING 1000V RMS
DIELECTRIC WITHSTANDING VOLTAGE 1,500V RMS
INSULATION RESISTANCE 5,000 MEGOHMS MIN.

MECHANICAL

TERMINATION STYLE: INNER CONTACT - SOLDER
OUTER CONTACT - CRIMP
TEMPERATURE RANGE -65°C TO +165°C

FINISHES

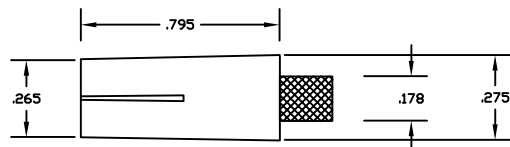
BODY FINISH: GOLD PLATED PER MIL-G-45204
CONTACT FINISH: GOLD PLATED PER MIL-G-45204

DESIGNED IN ACCORDANCE WITH ARINC 600 STANDARDS

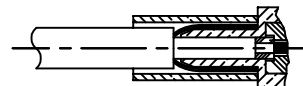
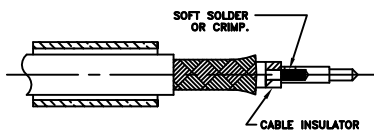
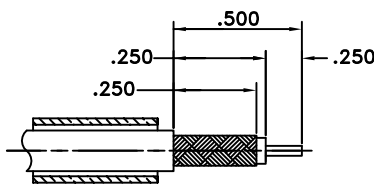
CONNECTOR CONTENTS:

- 1 - CONTACT, SIZE 5, COAXICON
- 1 - CABLE INSULATOR
- 2 - CRIMP TUBES
- 1 - CONTACT

CONTACT, SIZE 5, COAXICON



DWG NO.	SN	REV.	DESCRIPTION	DATE	BY
A65195-1	1	IR	INITIAL RELEASE	4/29/97	TDL
	1	A	SEE ECN E204	1/5/98	AJB
	1	B	SEE ECN E397	1/22/99	TS



ES-105-12 CABLE ASSEMBLY INSTRUCTIONS

- 1.) STRIP CABLE PER DIMENSIONS. DO NOT NICK THE BRAID OR CENTER CONDUCTOR. SLIDE CRIMP TUBE ONTO CABLE AND PUSH BACK OUT OF WAY BEFORE REMOVING MATERIALS.
- 2.) DO NOT REMOVE THE ALUMINUM MYLAR FOIL SHIELD FROM THE DIELECTRIC.
- 3.) SLIDE BLACK ADHESIVE HEAT SHRINK AND ANY OTHER LABELS OVER THE CABLE AT THIS TIME.
- 4.) FLARE END OF CABLE BRAID BY ROTATING CABLE DIELECTRIC. SLIDE CABLE INSULATOR ONTO CENTER CONDUCTOR UP AGAINST DIELECTRIC. SOLDER CONTACT ONTO CENTER CONDUCTOR AS SHOWN. DO NOT OVERHEAT AND SWELL CABLE DIELECTRIC. SEE CHART FOR RECOMMENDED SOLDER TEMPERATURES.
- 5.) INSTALL CABLE ASSEMBLY INTO BODY ASSEMBLY SO THAT THE TUBE PORTION OF BODY SLIDES UNDER BRAID. PUSH CABLE ASSEMBLY FORWARD UNTIL CONTACT SNAPS INTO POSITION.
- 6.) SLIDE CRIMP TUBE OVER BRAID & UP AGAINST CONNECTOR BODY. CRIMP USING APPROPRIATE HEX SIZE CRIMPING TOOL.

*SPECIAL NOTE: WHEN USING RG-142 AND RG-400 USE THE GOLD CRIMP TUBE SUPPLIED.

WHEN USING PFLX195-XXX AND PFLX200-XXX USE THE SILVER CRIMP TUBE SUPPLIED.

SERIES TYPE	HEX SIZE	P/N	SOLDER TEMP.
PFLX195-XXX	.213	M22520/S-19	700-750 F
PFLX200-XXX	.213	M22520/S-19	700-750 F
RG-142 B/U	.213	M22520/S-19	700-750 F
RG-400	.213	M22520/S-19	700-750 F

CONTRACT NO.			S84 W19234 ENTERPRISE DRIVE MUSKEGO, WI. 53150 (414) 678-6170		
APPROVALS	DATE		TITLE CONTACT, SIZE 5, COAXICON		
DRAWN BY T STEFFEK	1/22/98				
CHECKED BY					
DESIGNED BY					
APPROVED BY		SIZE	CAGE CODE	DWG NO.	REV.
		A	O6WH3	A65195-1	B
		EFFECTIVITY:			SHEET 1 OF 1