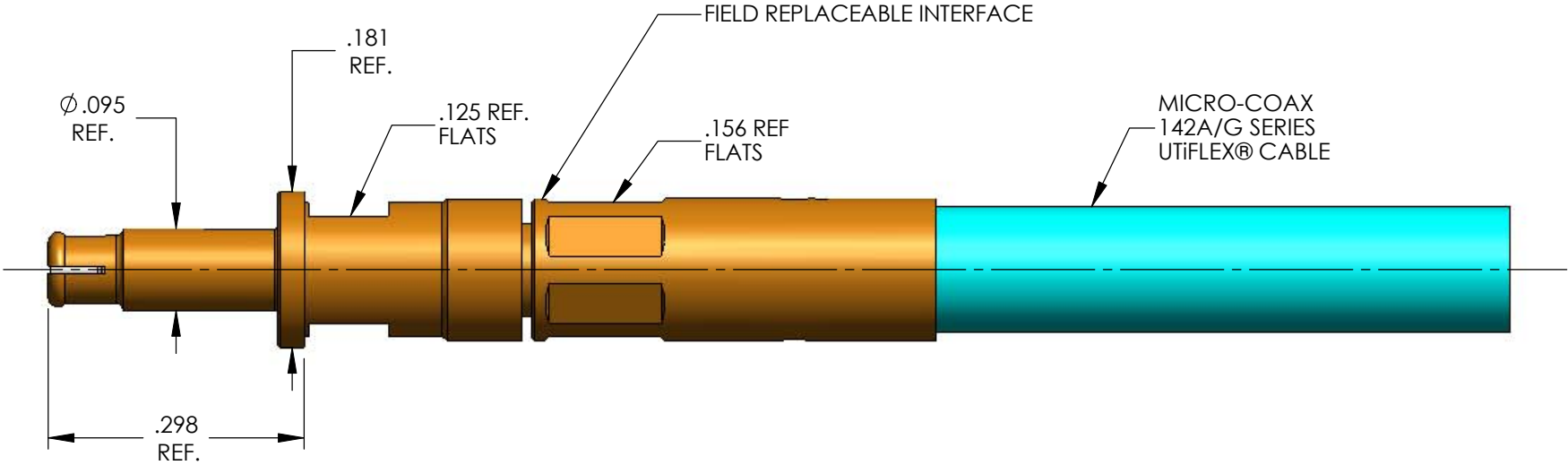
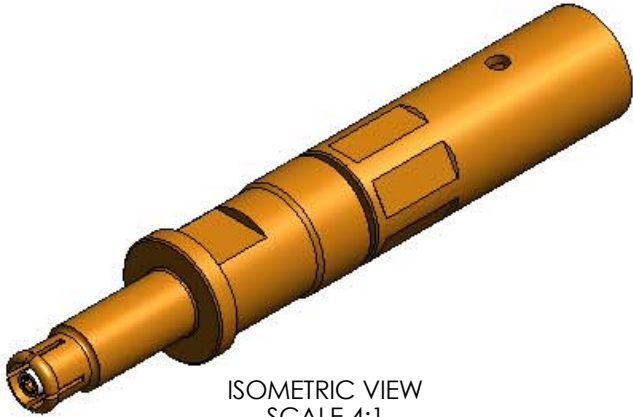


MECHANICAL CHARACTERISTICS	
INTERFACE	PER MICRO-COAX DRAWING A-15834
SLANT SHEET	N/A
FORCE TO ENGAGE	1.5 LBS. MAX.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
DURABILITY	500 CYCLES MIN.
CABLE RETENTION	CABLE DEPENDENT
MASS	MASS = 0.72 GRAMS
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 24 GHz	1.21:1 MAX.
24 GHz - 40 GHz	TBS
INSERTION LOSS	0.05 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	500 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	140 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	325 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65 °C TO 165 °C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION F
MOISTURE RESISTANCE	N/A
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACTS, BODIES, & SLEEVE	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR	TFE FLUORCARBON PER ASTM-D-1710
DIELECTRIC BEADS	POLYPHENYLENE SULFIDE (PPS) PER ASTM-D-6358
APPLICATION	
CABLE(S)	142A/G SERIES CABLE
INSTALLATION	PER CONFIGURATOR

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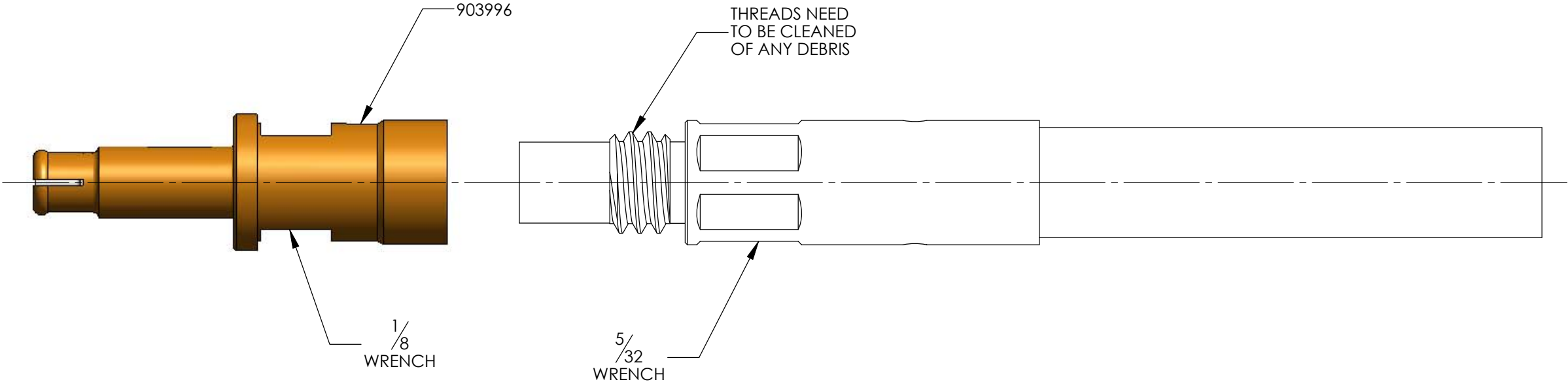


REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE	2/25/2005	JMK	RDS
B	ECO 65057	2/7/2006	JMK	DBK
C	ECO 85195	4/11/2008	MJM	RS
D	ECO 105005	1/12/2010	PLM	RS
E	ECO 125259	5/17/2012	CCF	RS

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		DWN.	JMK	1/30/04							
		CHKD.	MJM	5/22/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE 38999 PIN CONTACT/ #12 FOR 142A/G SERIES CABLE									
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV		
.XXX	± .005			64639	B	5:1	1 OF 2	SD903995	E		
.XXXX	± .0010										
ANGLES	± 2°										

DESCRIPTION
SEE SHEET 1 FOR REVISION HISTORY



HEAD REPLACEMENT INSTRUCTIONS:

1. REMOVE FORWARD SUB-ASSEMBLY(903996).
2. CLEAN THE CABLE SUB-ASSEMBLY THREADS OF ANY REMAINING LOCTITE DEBRIS.
3. INSPECT CABLE SUB-ASSEMBLY.
4. ASSEMBLE SUB-ASSEMBLY 903996 ONTO CABLE SUB-ASSEMBLY WITH LOCTITE 242 THREADLOCKER OR EQUIVALENT.
5. TORQUE TO 8-12 IN-LBS.

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		DWN.	JMK	1/30/04							
		CHKD.	MJM	5/22/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		38999 PIN CONTACT/ #12 FOR 142A/G SERIES CABLE									
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV		
.XXX	± .005			64639	B	6:1	2 OF 2	SD903995	E		
.XXXX	± .0010										
ANGLES	±5°										