MECHANICAL CHARACTERISTICS		THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.		DESCRIPTION INITIAL RELEASE - ECO 125625	DATE BY 11/27/2012 MJM	APPVD CHK
INTERFACE	PER MICRO-COAX DRAWING A-18488		A	INITIAL RELEASE - ECO 123023	11/2//2012 1/03/01	K3 CC
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A					
RECOMMENDED MATING TORQUE	9.0 IN-LBS. NOM.					
CENTER CONTACT INSERTION FORCE (INTERFACE)	2.0 IN-LBS. MAX.					
CENTER CONTACT WITHDRAW FORCE (INTERFACE)	1.0 oz MIN.					
DURABILITY	500 CYCLES MIN.					
AXIAL CONTACT RETENTION (FROM INTERFACE)	6.0 LBS. MAX.					
AXIAL CONTACT RETENTION (FROM CABLE)	6.0 LBS. MAX.					
CABLE RETENTION	10 LBS. MIN.					
MASS	8.29 GRAMS NOM.	ISOMETRIC VIEW SCALE: 1:1	1.95 REF.		ı	
RECOMMENDED JAM NUT TORQUE	12 - 15 IN. LBS.	SCALE. 1.1	(NOTE 1)			
ELECTRICAL	. CHARACTERISTICS	_	1.073 REF	-		
IMPEDANCE	50 Ohms NOM.	_				
MAXIMUM FREQUENCY	40 GHz					
VSWR DC - 18 GHz	1.16:1MAX.	M7 X 0.75-6g THD.				
18 GHz - 40 GHz	1.22:1 MAX	REF.	_ Ø.390			
INSERTION LOSS	0.04 VF (GHz) dB MAX.		REF.			
DIELECTRIC WITHSTANDING VOLTAGE	825 Vrms MIN.	$\phi$ .435 REF. \ .125	↓			
INSULATION RESISTANCE	5000 MegaOhms MIN.	# Ø.490 REF. ACROSS MAX	(NOTE 1)	Ø.26 REF.		
RF LEAKAGE DC - 18 GHz	-90 dB MIN.	(LOCK WASHER) PANEL		(NOTE 1)	d 00 DEE	
CORONA	220 Vrms MIN. @ 70,000 FEET	(LOCKNUT)	_		Ø.20 REF.	
RF HIGH POTENTIAL (5 MHz)	550 Vrms MIN.				(NOTE 1)	
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.	- Indonesia - Indo	Maran		<b>.</b>	
CONTACT RESISTANCE (OUTER)	4.0 MilliOhms MAX.	.393 HEX REF. Φ.230				
OPERATING TEMPERATURE VIBRATION MECHANICAL SHOCK THERMAL SHOCK MOISTURE RESISTANCE	-55°C TO 150°C  MIL-STD-202, METHOD 204, CONDITION D  MIL-STD-202, METHOD 107, CONDITION B  MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)	120 REF RP -	.350 REF. ACROSS		UFB142A SERIES UTIFLEX® CABLE	
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%	Ø.276 <sup>+.010</sup> <sub>000</sub>	FLATS			
MATERIA	ALS AND FINISH					
CONTACT	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.					
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205					
BODY, SLEEVE, CLAMP NUT & NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967		NOTE:	ION ON THIS DRAWING IS FO	OD DEEEDEVIOE OV	II V AND
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290			HANGE WITHOUT NOTICE.	ON NEI ENLINCE ON	ALI MIND
LOCKWASHER	TIN BRASS (UNS C42500) PER ASTM-B-591 OR PHOSPHOR BRONZE (C5191R-H) PER JIS H3110, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290	.125 MAX. PANEL	THIS SPECIFICATION IS THE INITIALS		CATION DRAV	
		REF. THICKNESS	THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF MICRO-COAX, INC. APPVD.	07/28/10	RO-CO by in transmission line right Micro-Coax, Inc.	solutions.
APPLICATION			TOLERANCES UNLESS TITLE			
CABLE(S)	UFB142A SERIES CABLE	RECOMMENDED MOUNTING HOLE	OTHEWISE SPECIFIED	2.4mm BULKHEAD JACK	K, UFB142A CABLI	E
ICADLE[3]	OLD 1454 SEKIES CARF		.XX ± .02			
INSTALLATION	PER CONFIGURATOR	SCALE: 4:1	.XXX ± .005 ALL DIMENSIONS II UNLESS OTHERWISE :		SHEET NO. DRAWII	NG NO. R