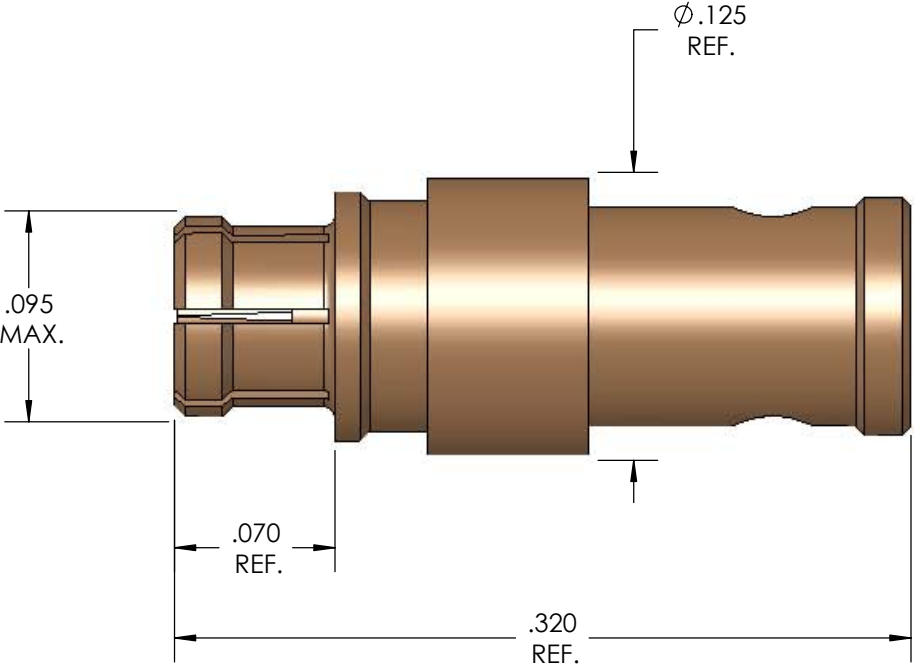
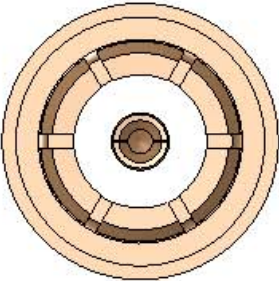


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348
FORCETOENGAGE	5 LBS. MAX. (FULL DETENT)
FORCETO DISENGAGE	4 LBS. MIN. (FULL DETENT)
DURABILITY	100 CYCLES MIN.
CABLERETENTION	10 LBS. MIN.
MISALIGNMENT	±0.12 RADIAL, .000/ .007 AXIAL
MASS	.21 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 40 GHz	1.15:1 MAX.
20 GHz - 26.5 GHz	1.20:1 MAX.
26.5 GHz - 40 GHz	1.70:1 MAX.
INSERTION LOSS	0.03 √F (GHz) db MAX.
DIELECTRIC WITHSTANDING VOLTAGE	675 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-65 dB
3 - 26.5 GHz	TBS
CORONA	170 Vrms. MIN. @ 70,000 FEET
RF HIGH POTENTIAL	450 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 B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B
MATERIAL AND FINISH	
SPRING FINGER BODY, REAR BODY CENTER CONTACT	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196 GOLD PLATE PER MIL-G-45204, 50 MICROINCH MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES THK. MIN.
DIELECTRIC STOPS	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-4067
APPLICATION	
CABLE(S)	UGF070D
INSTALLATION	PER CONFIGURATOR



ISOMETRIC VIEW
SCALE 10:1



REMOVAL TOOL: MICRO-COAX PART# 852719

REV.	DESCRIPTION	DATE	BY	APPVD
1	PRELIMINARY RELEASE	3/12/2004	JMK	DBK
2	REVISED SPECS.	4/5/2004	JMK	DBK
3	ADDED REMOVAL TOOL NUMBER	4/14/2004	JMK	DBK
4	REVISED SPECIFICATIONS	9/24/2004	JMK	DBK

SPECIFICATION DRAWING

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	DWN.	JMK	03/12/2004							
	CHKD.									
	APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								
.XX ± .02		ASSEMBLY, SMPM FEMALE, UGF070D								
.XXX ± .005		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	
.XXXX ± .0010										
ANGLES ± 2°										
		64639	B	12:1	1 OF 1	SD904025	4			