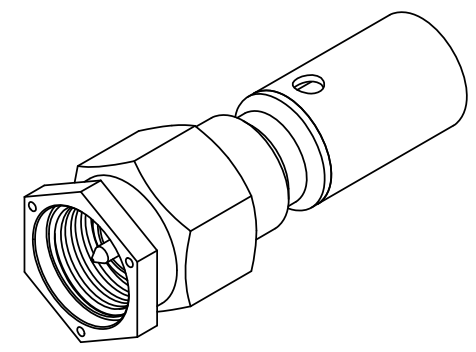
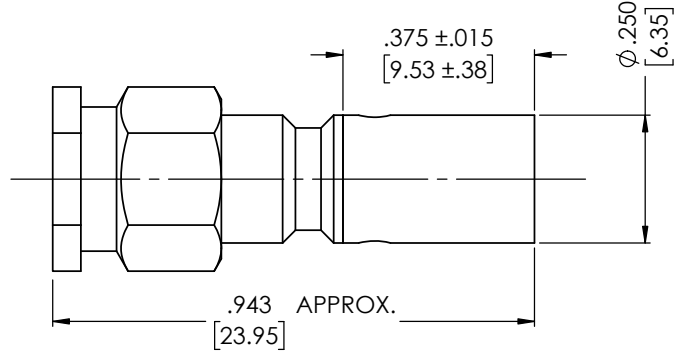
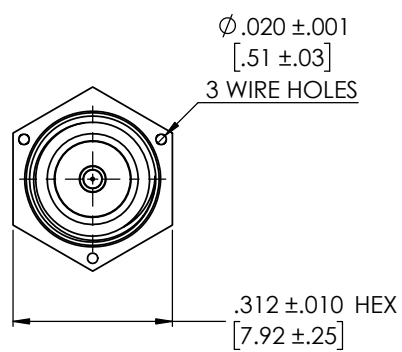




REVISIONS				
REV.	DESCRIPTION	DATE	ENG. APPROVED	MFG. APPROVED
A	REDRAWN IN SOLIDWORKS	10/18/2023	BJM	MCD

1301015K00E-000



- NOTES:
1. ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.

MECHANICAL SPECIFICATIONS	
DURABILITY	500 MATES
CAPTIVATION - CONTACT	2 lbs
ELECTRICAL SPECIFICATIONS	
FREQUENCY RANGE	DC - 12.4 GHz
VSWR	1.15+.01(F in GHz)
IMPEDANCE	50 ± 2 OHMS
WORKING VOLTAGE @ SEA LEVEL	335 Vrms
DWV @ SEA LEVEL	1000 Vrms
INSULATION RESIST.	5000 MOHMS
ENVIRONMENTAL SPECIFICATIONS	
SHOCK	MIL-STD-202, METH. 213 COND I
VIBRATION	MIL-STD-202, METH. 204 COND D
ALTITUDE	MIL-STD-202, METH. 105 COND C
THERMAL SHOCK	MIL-STD-202, METH. 107 COND B
TEMP RANGE	-65° TO +165° C

SLEEVE	TELLURIUM COPPER PER ASTM B124, C14500, TEMPER H02	GOLD PLATE PER ASTM B488, TYPE 2, CLASS .75
CONTACT	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, CLASS 1.27
COUPLING NUT	CORROSION RESISTANT STEEL PER ASTM 582, S30300, COND. A	PASSIVATE PER SAE-AMS-2700
GASKET	SILICONE RUBBER PER A-A-59588	N/A
LOCKING RING	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	N/A
INSULATOR	TEFLON PER ASTM D1710, TYPE 1, GRADE 1, CLASS A.	N/A
BODY	CORROSION RESISTANT STEEL PER ASTM A582, S30300, COND. A	GOLD PLATE PER ASTM B488, TYPE 2, CLASS 1.27
DESCRIPTION	MATERIAL	FINISH

Table 1

M39012/55-3009

PROPRIETARY AND CONFIDENTIAL
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FILE NAME: 1301015K00E-0001

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	SRC 10/18/2023
TOLERANCES:		CHECKED	BJM 10/18/2023
FRACTIONAL ± 1/64		ENG APPR.	BJM 10/18/2023
ANGULAR: MACH ± 1° BEND ± 1°		COMMENTS:	
TWO PLACE DECIMAL ±.01			
THREE PLACE DECIMAL ±.005			
SURFACE FINISH = 63			
MAX. CORNER BREAKS = .004			
THIRD ANGLE PROJECTION			
MATERIAL	SEE TABLE		
FINISH	SEE TABLE		
SCALE:			

DELTA ELECTRONICS MFG CORP. BEVERLY, MA 01915 www.deltatrf.com / Ph: 978-927-1060 / Fax: 978-922-6430		
TITLE: SMA STRAIGHT SOLDER FERRULE MALE RG-55B, 55C, 141A, 142B, 223/U		
SIZE B	DWG. NO. 1301015K00E-000	REV A
CODE ID - 00795	WEIGHT: 3.83 g	SHEET 1 OF 1