MECHANICAL CHARACTERISTICS

INTERFACE	PER MICRO-COAX DRAWING A-16115
SLANT SHEET	N/A
FORCE TO ENGAGE	2.0 LBS. MAX.
INTERFACE DURABILITY	500 CYCLES MIN.
SHELL DURABILITY	100 CYCLES MIN.
FLOAT MOUNT TRAVEL	.050 IN. MIN.
MINIMUM SPRING FORCE	2.3 LBS.
MAX SPRING FORCE	5.8 LBS.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CABLE RETENTION	15 LBS MIN.
MASS	5.81 GRAMS NOM.

ELECTRICAL CHARACTERISTICS

IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	525 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-65 dB MIN.
CORONA	140 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	350 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE	-56°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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)

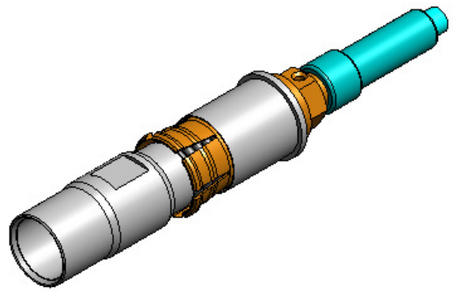
MATERIALS AND FINISH

MAIN BODY, FRONT BODY, REAR SLEEVE, & BUSHING	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
SPRING	STEEL, CORROSION RESISTANT, NON-MAGNETIC, 17-7 PH SS COND. C (CH-900) PER AMS 5678, PASSIVATED PER ASTM-A-967
SPRING FINGER BODY, CONTACT, & REAR BODY	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
GASKET	FLURORSILICONE RUBBER PER MIL-R-25988
INSULATOR	TFEFLUORCARBON PER ASTM-D-1710

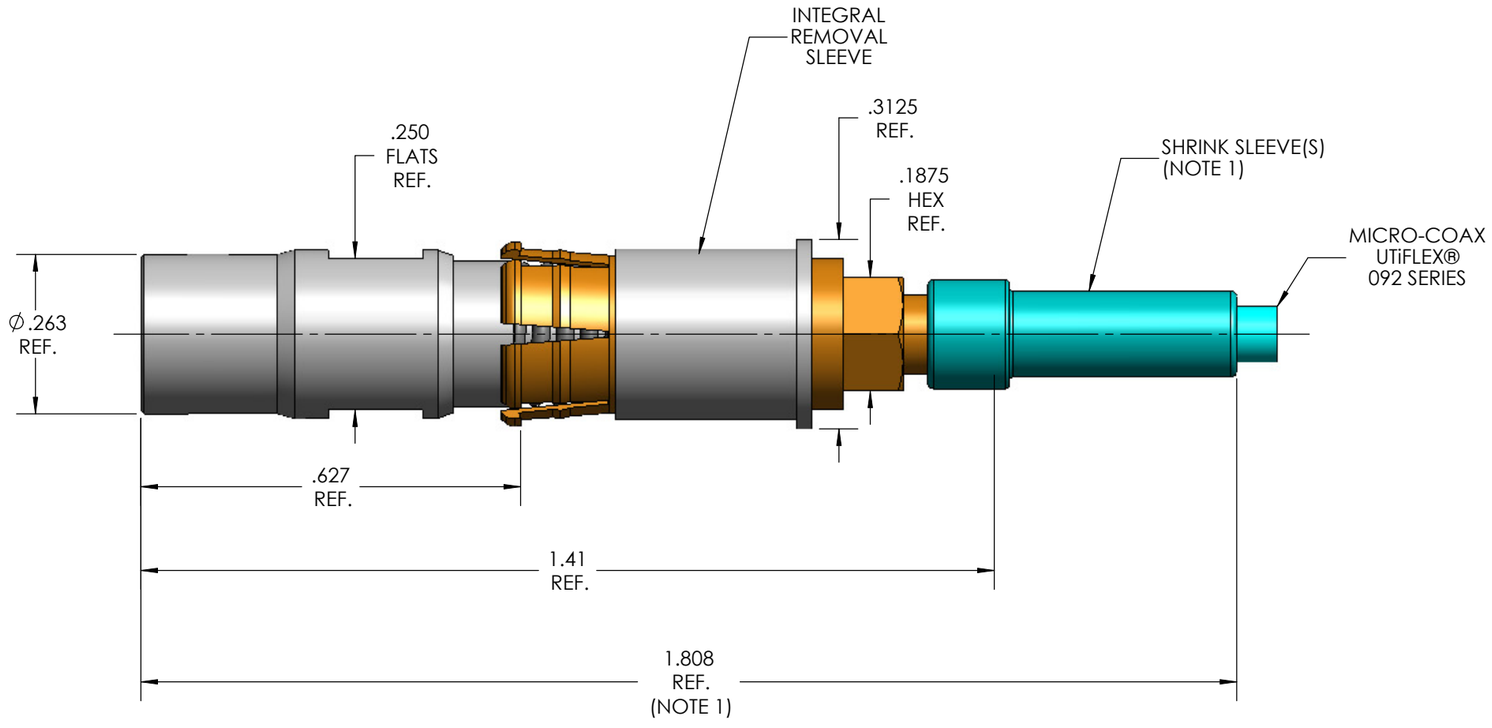
APPLICATION

CABLE(S)	092 SERIES CABLE
INSTALLATION	PER CONFIGURATOR

REV.	DESCRIPTION	DATE	BY	APPVD
A	ECO 85333	6/12/2008	NDS	JM
A1	ECO 95649	9/15/2009	MJM	RS
B	ECO 105921	1/6/2011	MJM	RS
B1	ECO 115151	3/14/2011	MJM	RS
C	ECO 135254	5/8/2013	MJM	RS



ISOMETRIC VIEW
NO SCALE



NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

SPECIFICATION DRAWING

	INITIALS	DATE
DWN.	DBK	3/22/07
CHKD.	CCF	5/13/13
APPVD.		

MICRO-COAX®
Leading the way in transmission line solutions.

TOLERANCES UNLESS OTHEWISE SPECIFIED	
.XX	± .02
.XXX	± .005
.XXXX	± .0010
ANGLES	± 2°

TITLE: #8 SOCKET, MODULE-PORT 092 CABLE

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
	64639	B	4:1	1 OF 1	SD904670	C