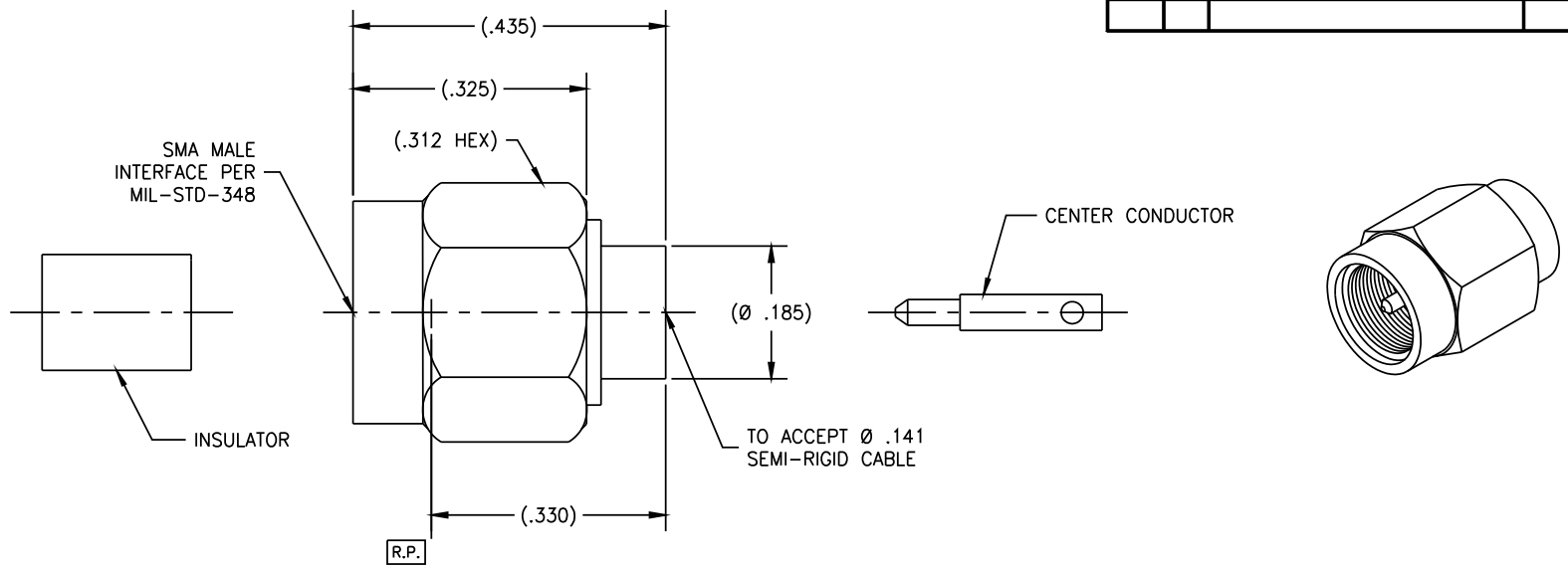


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P/N
BASIC
SF

REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	A	ECO 19630	10.04.06	DKN



NOTE:
CENTER CONDUCTOR & INSULATOR TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-1	REV.	A
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: Brass Alloy C360 per ASTM B-16. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB. Contact Resistance: Initial: Center Contact: 2.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 3.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65°C to +125°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
Coupling Nut: (for SF): Passivated per ASTM A-967. (for BASIC): Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD NA PROD INST NA ASSY INST NA	DIMENSIONS ARE IN INCHES. LINEAR .XX .010 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: 32 RMS 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 I.D.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FINISH EDGES ON TEFLON. 10. REMOVE ALL BURRS. NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON OR TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.	-	-	-	-
			NEXT ASSY		Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	
			APPROVAL INITIALS	DATE	TITLE	
			CHECKED	IMG 03.12.02	SMA MALE STRAIGHT TO Ø .141 SEMI-RIGID CALBE (W/ CONTACT)	
			QUALITY		SCALE	
					10/1	
			ENGINEERING	DNq 12.01.06	SUB-DIRECTORY/FILENAME	
					OL_	
					SHEET 1 of 1	
					SIZE C 30990	
					DRAWING NO.	
					5285-1	
					REV.	
					A	

ENG-DWG REV. A 4 3 2 1

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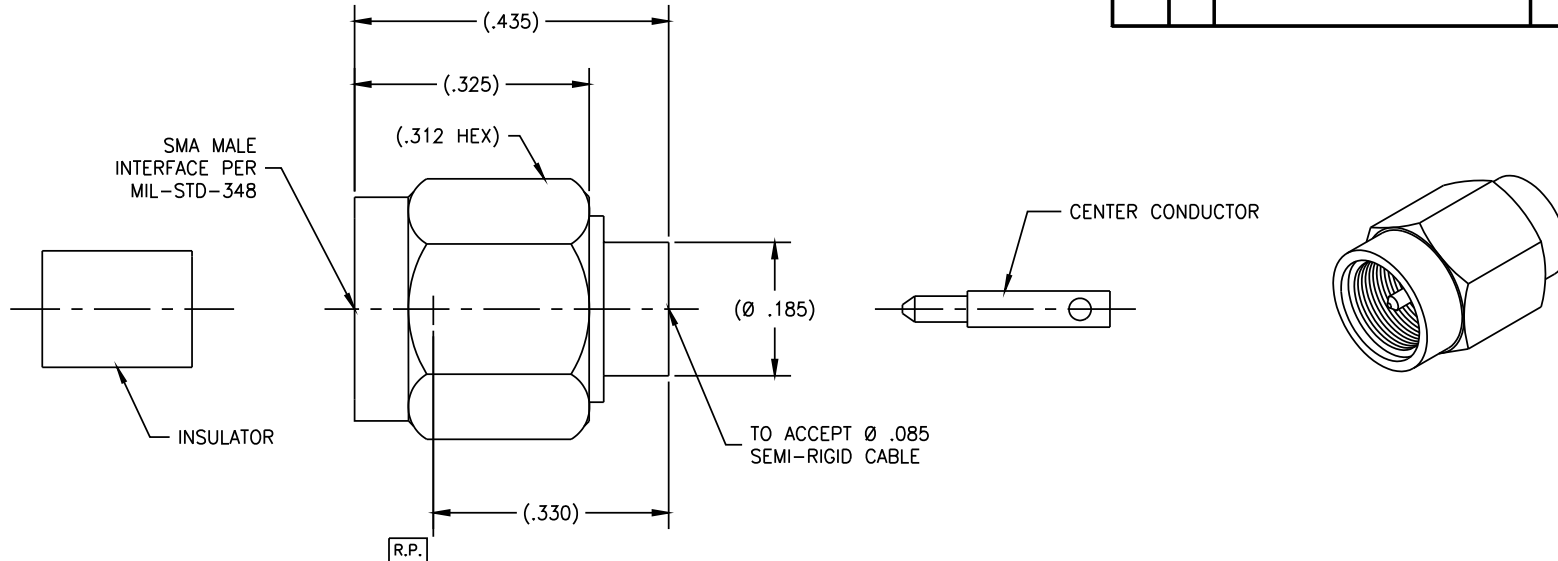
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P/N

BASIC

SF

REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	B	ECO 14394	04.15.02	ATV
-	C	ECO 19630	10.04.06	DKN



NOTE:

CENTER CONDUCTOR & INSULATOR TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-2	REV.	C
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: Brass Alloy C360 per ASTM B-16. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 250 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB. Contact Resistance: Initial: Center Contact: 2.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 3.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
Coupling Nut: (for SF): Passivated per ASTM A-967. (for BASIC): Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD NA PROD INST NA ASSY INST NA	1. MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FINISHED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	-	-	-	-
	NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.	1. MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FINISHED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	APPROVAL INITIALS DRAWN BY CHECKED QUALITY ENGINEERING	DATE 03.12.02	Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	PROCUREMENT TITLE SMA MALE STRAIGHT TO Ø .085 SEMI-RIGID CALBE (W/ CONTACT) SCALE 10/1 SUB-DIRECTORY/FILENAME OL_\ SHEET 1 of 1 REV. C 30990

ENG-DWG REV. A

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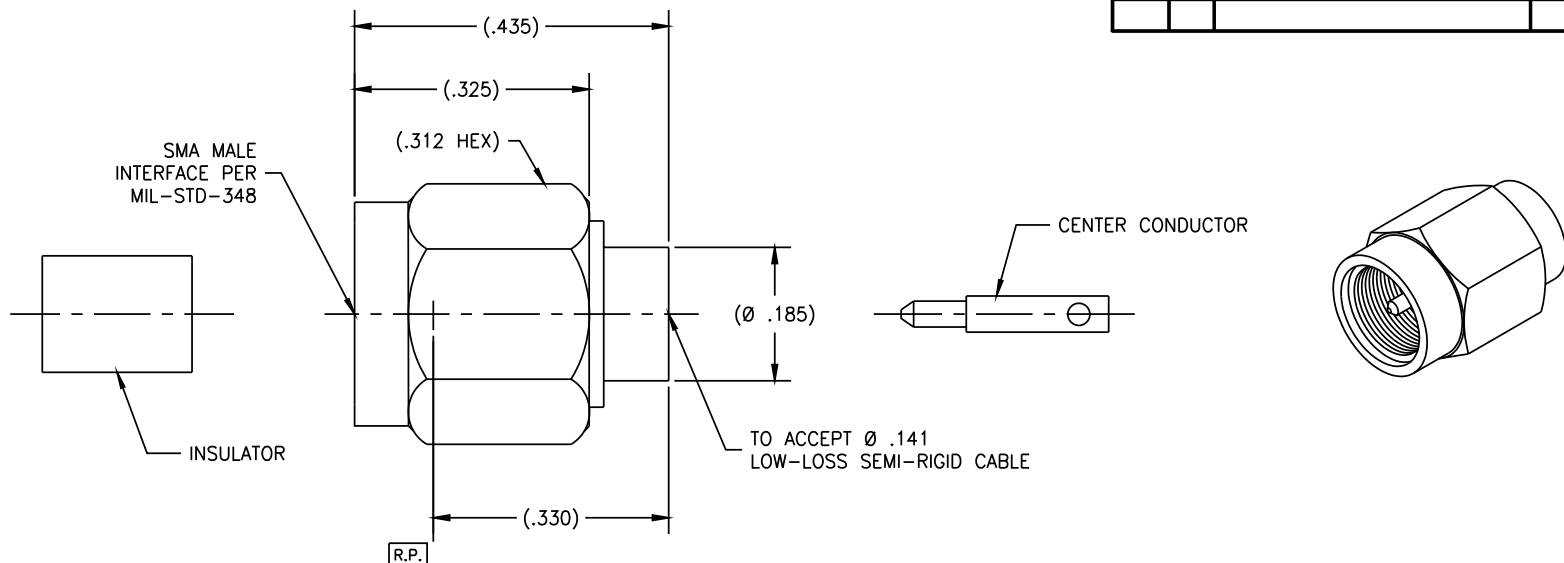
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P/N
BASIC
SF

REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	A	ECO 14396	04.15.02	ATV
-	B	ECO 19630	10.05.06	DKN



NOTE:
CENTER CONDUCTOR & INSULATOR TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-3	REV.	B
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: Brass Alloy C360 per ASTM B-16. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB. Contact Resistance: Initial: Center Contact: 2.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 3.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

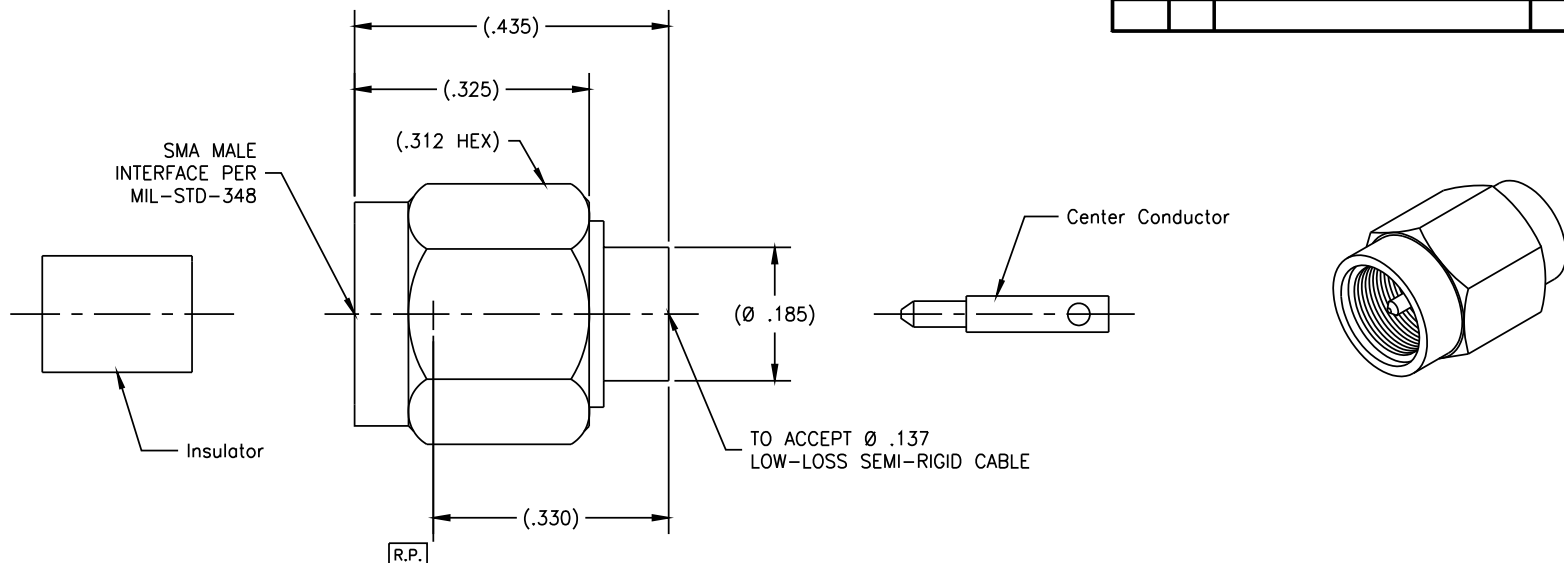
FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
Coupling Nut: (for SF): Passivated per ASTM A-967. (for BASIC): Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD NA PROD INST NA ASSY INST NA	1. MACHINE FINISH: $\frac{.005}{\text{RMS}}$ 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 4. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 5. DIMENSIONS TO BE MET BEFORE PLATING. 6. CHAMFER ALL THREADS 45°. 7. THREADS PER H-28 8. REMOVE FINISHED EDGES ON TEFLON. 9. REMOVE ALL BURRS.	-	-	-	-
	NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.	1. MACHINE FINISH: $\frac{.005}{\text{RMS}}$ 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 4. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 5. DIMENSIONS TO BE MET BEFORE PLATING. 6. CHAMFER ALL THREADS 45°. 7. THREADS PER H-28 8. REMOVE FINISHED EDGES ON TEFLON. 9. REMOVE ALL BURRS.	APPROVAL INITIALS DRAWN BY CHECKED QUALITY ENGINEERING	DATE 03.12.02 12.01.06	Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815 TITLE SMA MALE STRAIGHT TO Ø .141 LOW-LOSS SEMI-RIGID CALBE (W/ CONTACT) SCALE 10/1 SUB-DIRECTORY/FILENAME OL_\	SHEET 1 of 1 REV. B

ENG-DWG REV. A 4 3 2 1

4 3 2 1

P/N
BASIC
SF

REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	A	ECO 19630	10.05.06	DKN



NOTE:
CENTER CONDUCTOR & INSULATOR TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-4	REV.	A
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: Brass Alloy C360 per ASTM B-16. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB. Contact Resistance: Initial: Center Contact: 2.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 3.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:		APPLICABLE TENSOLITE DOCUMENTS		TOLERANCES AND NOTES EXCEPT AS NOTED		-		-		-						
Coupling Nut: (for SF): Passivated per ASTM A-967. (for BASIC): Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.		WORK STD	PROD INST	ASSY INST	DIMENSIONS ARE IN INCHES. LINEAR .XX ±0.015 XXX ±.005 ANGULAR ± 1/2° FRACTION ± 1/32		MATERIAL	SIZE	SPECIFICATION	PROCUREMENT						
		NA	NA	NA			NEXT ASSY		Tensolite		HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815					
							APPROVAL INITIALS	DATE	TITLE		SMA MALE STRAIGHT TO Ø .137 LOW-LOSS SEMI-RIGID CALBE (W/ CONTACT)					
							DRAWN BY	IMG	03.12.02	SCALE	SUB-DIRECTORY/FILENAME	SHEET 1 of 1				
		NOTICE				1. MACHINE FINISH: 32 RMS 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 4. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 5. DIMENSIONS TO BE MET BEFORE PLATING. 6. CHAMFER ALL THREADS 45°. 7. THREADS PER H-28 8. REMOVE PARTED EDGES ON TEFLON. 9. REMOVE ALL BURRS.		CHECKED		10/1	OL					
		THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO BE INCORPORATED IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.						QUALITY								
								ENGINEERING	DNg	12.01.06						
													</			

ENG-DWG REV. A 4 3 2 1

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P/N

-5CC

-5CCSF

REVISIONS

ZONE	REV	DESCRIPTION	DATE	BY
-	A	ECO 19452	08.03.06	ATV

SMA MALE
INTERFACE PER
MIL-STD-348

TO ACCEPT Ø .047
SEMI-RIGID CABLE

R.P.

(.330)

(.312 HEX)

DRAWING NO.
5285-5REV.
A

NOTE: COUPLING NUT, GASKET & RETAINING RING TO BE PACKAGED AND SHIPPED UNASSEMBLED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
BODY & COUPLING NUT: 303 SST PER ASTM A-582 CENTER CONDUCTOR & RETAINING RING: BeCu ALLOY PER ASTM B-196 INSULATOR: PTFE TEFLON PER ASTM D-1710 GASKET: SILICONE RUBBER PER A-A-59588 CAPTIVATING EPOXY: SIGMA VF TYPE HV	Impedance: 50 Ohms Nom. Freq. Range: DC TO 18 GHz VSWR: 1.05 + .005*f (GHz) Insertion Loss: .06 x √f GHz Working Voltage: 500 Vrms @ Sea Level Insulation Resistance: 5000 Mohms Dielectric Withstand Voltage: 1500 V rms RF HiPot Voltage: 1000 Vrms Min @ 5MHz RF Leakage: -(90 - f GHz) dB Corona Level: 375 Vrms @ 70,000 ft Contact Resistance Center Conductor: Before Environmental: 3.0 Milliohms After Environmental: 2.0 Milliohms	Interface Dimensions: MIL-PRF-39012, MIL-STD-348 Connector Durability: 500 Cycles Coupling Nut Retention: 60 lbs min. Coupling Nut Proof Torque: 15 inch lbs min. Force to Engage and Disengage: 2.0 Inch lbs max Torque	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. B Moisture Resistance: MIL-STD-202, Method 106, Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity Corrosion: MIL-STD-202, Method 101, Test Cond. B Vibration: MIL-STD-202, Method 204, Test Cond. D Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
BODY & CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290 COUPLING NUT: (FOR CCSF) PASSIVATED PER ASTM A-967 OR AMS-QQ-P-35 (FOR CC) GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290	WORK STD NA PROD INST NA ASSY INST NA	DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: $\sqrt{R}/R$ 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FINISHED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	NEXT ASSY	Tensolite	HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	
	NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.		APPROVAL INITIALS DRAWN BY CHECKED QUALITY ENGINEERING	DATE 03.12.02	TITLE SMA MALE STRAIGHT TO Ø .047 SEMI-RIGID CABLE (SOLDER-ON CONTACT)	SCALE 10:1 SUB-DIRECTORY/FILENAME SHEET 1 of 1
			ATV	08.03.06	SIZE / CASE CODE C 30990	DRAWING NO. 5285-5 REV. A

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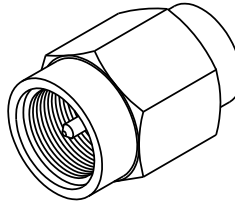
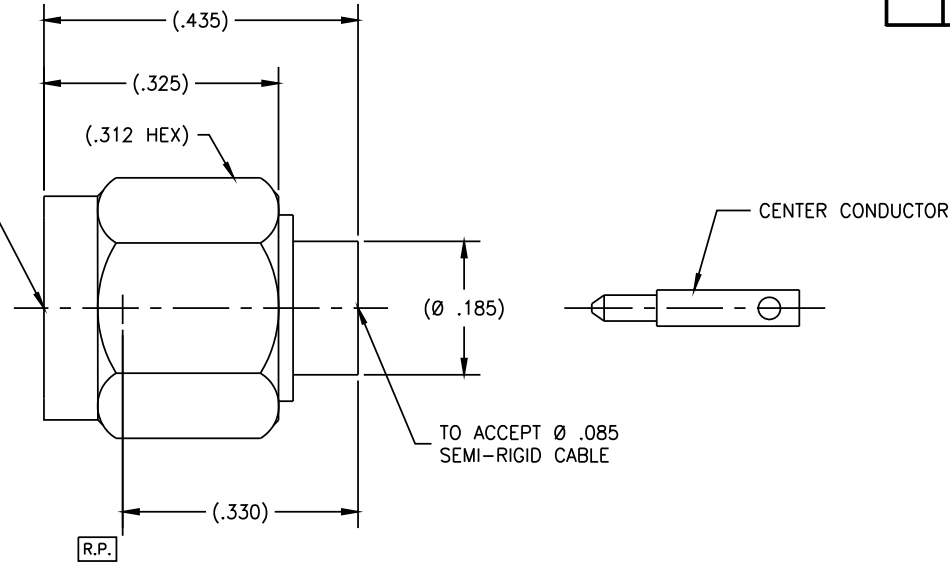
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P/N

BASIC

SF

SMA MALE
INTERFACE PER
MIL-STD-348

NOTE:

CENTER CONDUCTOR TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO. 5285-6 REV. A

MATERIAL:

Body & Coupling Nut:
303 sst per ASTM A-582.
Center Conductor:
Brass Alloy C360 per ASTM B-16.
Retaining Ring:
BeCu alloy per ASTM B-197.
Gasket:
Silicone Rubber per A-A-59588
Insulator:
PTFE per ASTM D-1710.

ELECTRICAL:

Impedance: 50 Ohms nominal.
Frequency Range: DC to 18.0 GHz.
VSWR: $1.05 + .005f(\text{GHz})$.
Insertion Loss: $.03\sqrt{f}(\text{GHz})$.
Working Voltage: 335 Vrms max @ sea level.
Dielectric Withstanding Voltage: 1000 Vrms min.
R.F. HiPot Voltage: 670 Vrms min @ 5MHz.
Corona Level: 250 Vrms @ 70,000 ft.
Insulation Resistance: 5000 MegOhms min.
R.F. Leakage: $-(90 - f\text{GHz}) \text{ dB}$.
Contact Resistance:
Initial:
Center Contact: 2.0 Milliohm max.
Outer Contact: 2.0 Milliohm max.
After Environment:
Center Contact: 3.0 Milliohm max.
Outer Contact: NA.

MECHANICAL:

Mating Characteristics:
Interface per Mil-Std-348.
Force To Engage & Disengage:
Torque: 2 inch-pounds max.
Longitudinal Force: NA.
Connector Durability:
500 cycles min @ 12 cycles/minute max.
Permeability: Less than 2.0 mu.
Coupling Proof Torque: 15 inch-pounds min.
Coupling Mech. Retention: 60 pounds min.

ENVIRONMENTAL:

Temperature Range: -65° to $+125^{\circ}$.
Thermal Shock:
Mil-Std-202, Method 107, Test Cond. A.
Moisture Resistance:
Mil-Std-202, Method 106, Insulation resistance
at least 200 MegOhms within 5 minutes after
removal from humidity.
Corrosion:
Mil-Std-202, Method 101, Test Cond. B.
Vibration:
Mil-Std-202, Method 204, Test Cond. D.
Shock:
Mil-Std-202, Method 213, Test Cond. I.

FINISH:

Coupling Nut:
(for SF): Passivated per ASTM A-967.
(for BASIC): Gold plate per ASTM B-488,
over nickel under plate per AMS-QQ-N-290.
Body & Center Conductor:
Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.

APPLICABLE TENSOLITE DOCUMENTS

WORK STD	PROD INST	ASSY INST
NA	NA	NA

NOTICE

THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.

TOLERANCES AND NOTES EXCEPT AS NOTED

- DIMENSIONS ARE IN INCHES.
LINEAR .XX ±.015 ANGULAR $\pm 1/2^{\circ}$
FRACTION $\pm 1/32$
1. MACHINE FINISH: $\sqrt{RMS}$
 2. BREAK ALL SHARP EDGES .005 MAX.
 3. MACHINED FILLETS .005 MAX.
 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.
 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R.
 6. DIMENSIONS TO BE MET BEFORE PLATING.
 7. CHAMFER ALL THREADS 45° .
 8. THREADS PER H-28
 9. REMOVE FINISH EDGES ON TEFLON.
 10. REMOVE ALL BURRS.

- MATERIAL		- SIZE		- SPECIFICATION		- PROCUREMENT	
NEXT ASSY		Tensolite		HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS		Long Beach, California 90815	
APPROVAL INITIALS		DATE		TITLE		SMA MALE STRAIGHT TO Ø .085 SEMI-RIGID CALBE (W/ CONTACT)	
DRAWN BY IMG		03.12.02		SCALE		8/1	
CHECKED				SUB-DIRECTORY/FILENAME		OL_	
QUALITY				SHEET		1 of 1	
ENGINEERING DNq		12.01.06		SIZE		C 30990	
				DRAWING NO.		5285-6	
						REV. A	

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P/N

CCSF

REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	A	ECO 19630	10.05.06	DKN

SMA MALE
INTERFACE PER
MIL-STD-348

(.325)

(.312 HEX)

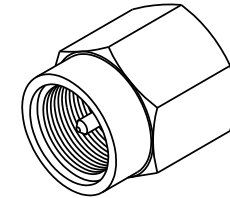
RETAINING RING

HOUSING

GASKET

R.P.

TO ACCEPT Ø .085
SEMI-RIGID CABLE



NOTE:

GASKET, RETAINING RING & COUPLING NUT TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-7	REV.	A
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 26.0 GHz. VSWR: 1.05 + .005f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 250 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB. Contact Resistance: Initial: Center Contact: 2.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 3.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Center Contact Captivation: Axial Force: 6 pounds min. Radial Torque: 4 inch-ounces min. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED				
Coupling Nut: Passivated per ASTM A-967. Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD	PROD INST	ASSY INST	MATERIAL	SIZE	SPECIFICATION
	NA	NA	NA	NEXT ASSY		PROCUREMENT
NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.				APPROVAL INITIALS	DATE	
				DRAWN BY	IMG	03.12.02
				CHECKED		
				QUALITY		
				ENGINEERING	DNg	12.11.06
				SCALE	8/1	
				SIZE	C	30990
				DRAWING NO.		5285-7
				SHEET	1	of 1
				REV.		A

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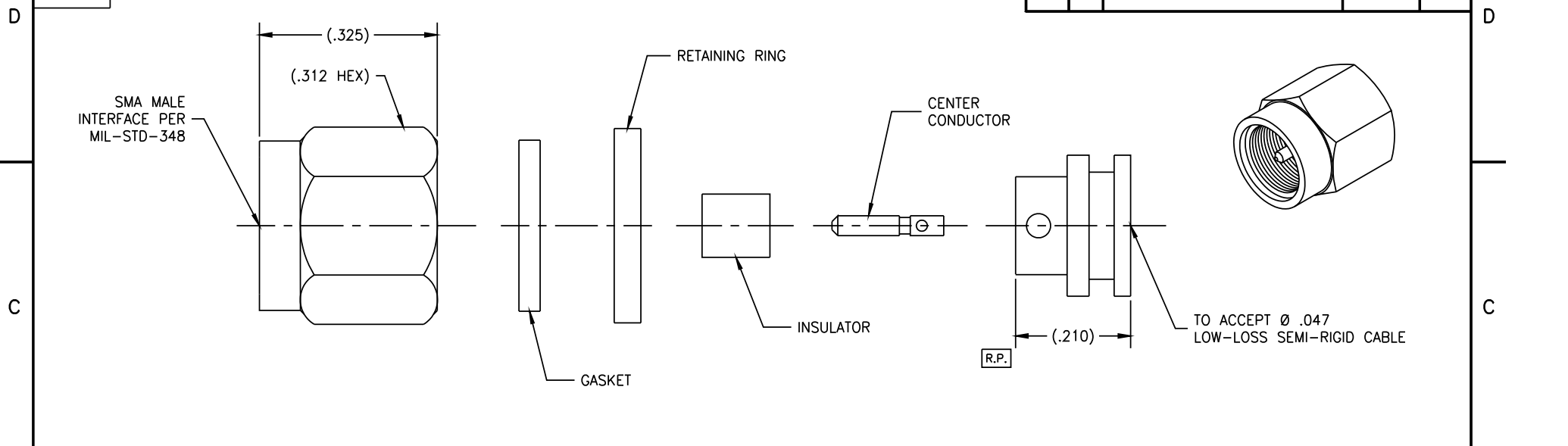
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P/N	REVISIONS			
CCSF	ZONE	REV.	DESCRIPTION(S)	DATE BY
	-	A	ECO 14395	04.15.06 ATV
	-	B	ECO 19630	10.05.06 DKN



NOTE:
ALL ITEMS TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-8	REV.	B
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710. Epoxy: Sigma VF Type HV	Impedance: 50 Ohms nominal. Frequency Range: DC to 26.0 GHz. VSWR: 1.05 + .005f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 250 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(65 - fGHz) dB. Contact Resistance: Initial: Center Contact: 2.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 3.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED				
Coupling Nut: Passivated per ASTM A-967. Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD NA PROD INST NA ASSY INST NA	1. MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FINISHED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
	NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.	1. MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .005 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FINISHED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	NEXT ASSY	8/1	OL-1	SHEET 1 of 1
			APPROVAL INITIALS	DATE	TITLE	REV.
			DRAWN BY	IMG	03.12.02	
			CHECKED			
			QUALITY			
			ENGINEERING	DNq	12.01.06	
			SIZE	C	30990	5285-8
			DRAWING NO.			B

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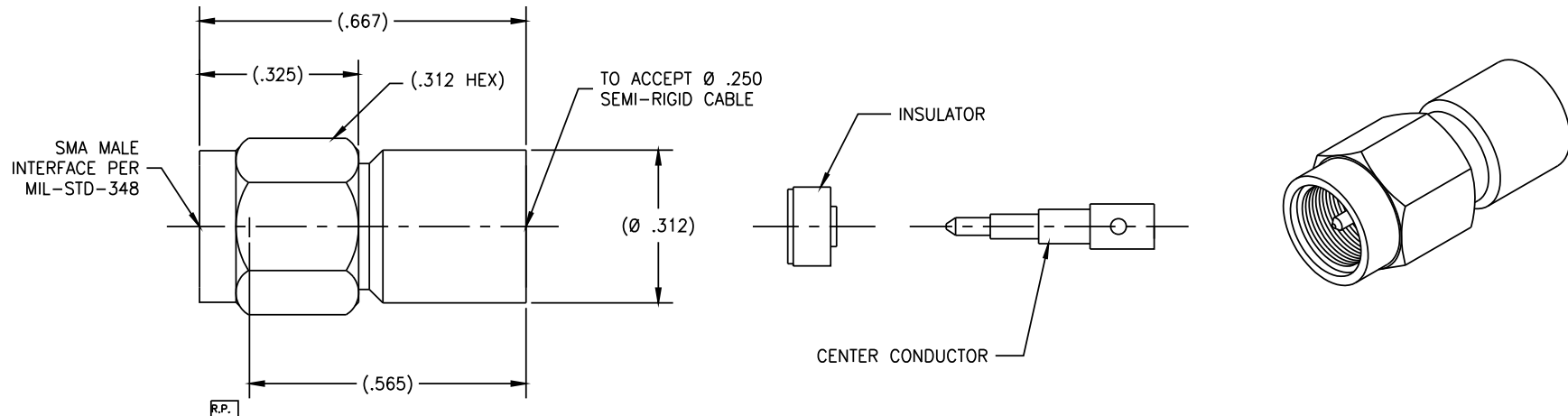
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REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	A	ECO 19003	02.06.06	DKN
-	B	ECO 19628	10.03.06	DKN



NOTE:

CENTER CONDUCTOR & INSULATOR TO BE PACKAGED AND SHIPPED UNASSEMBLED.

DRAWING NO.	5285-9	REV.	B
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & C'Nut: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Retaining Ring: BeCu alloy per ASTM B-197. Gasket: Silicone Rubber per A-A-59588 Insulator: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.07 + .007f(GHz). Insertion Loss: .03√f(GHz). Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB. Contact Resistance: Initial: Center Contact: 3.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 4.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65° to +125°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH:		APPLICABLE TENSOLITE DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED		-		-		-			
Body, C'Nut & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.		WORK STD	PROD INST	ASSY INST	DIMENSIONS ARE IN INCHES.		MATERIAL		SIZE	SPECIFICATION	PROCUREMENT			
		NA	NA	NA	LINEAR .XX ±.015 ANGULAR ± 1/2° FRACTION ± 1/32		NEXT ASSY		Tensolite® HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815					
					1. MACHINE FINISH: $\frac{63}{\text{RMS}}$		APPROVAL INITIALS		DATE		TITLE			
					2. BREAK ALL SHARP EDGES .005 MAX.		DKN		02.06.06		SMA MALE STRAIGHT TO Ø .250 SEMI-RIGID CALBE (W/ CONTACT)			
		NOTICE			3. MACHINED FILLETS .005 MAX.		CHECKED		SCALE		SUB-DIRECTORY/VENUE			
		THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON OR TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.			4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.		QUALITY		10/1		OL			
5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R.					ENGINEERING		DNg		12.05.06		CAGE CODE		DRAWING NO.	
6. DIMENSIONS TO BE MET BEFORE PLATING.					SIZE		C 30990		5285-9		REV.			
7. CHAMFER ALL THREADS 45°.														
8. THREADS PER H-28														
9. REMOVE FINISHED EDGES ON TEFLON.														
10. REMOVE ALL BURRS.														

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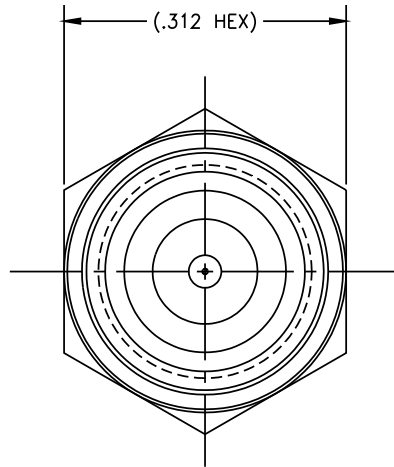
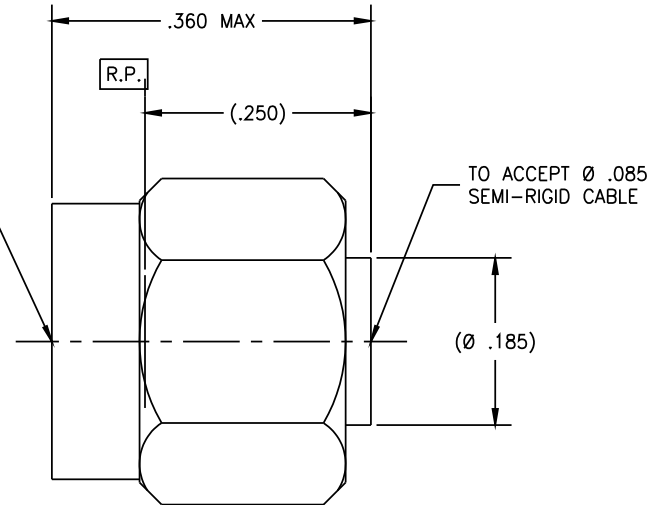
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
-	A	ECO 18922	12.30.05	DKN

SMA MALE
INTERFACE PER
MIL-STD-348DRAWING NO.
5285-10REV.
A

NOTE: COUPLING NUT, GASKET & RETAINING RING TO BE PACKAGED AND SHIPPED UNASSEMBLED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
BODY & COUPLING NUT: 303 SST PER ASTM A-582 CENTER CONDUCTOR & RETAINING RING: BeCu ALLOY PER ASTM B-196 INSULATOR: PTFE TEFLON PER ASTM D-1710 GASKET: SILICONE RUBBER PER A-A-59588	Impedance: 50 Ohms Nom. Freq. Range: DC TO 18 GHz VSWR: 1.05 + .005*f (GHz) Insertion Loss: .06 x √f GHz Working Voltage: 335 Vrms @ Sea Level Insulation Resistance: 5000 Mohms Dielectric Withstand Voltage: 1000 V rms RF HiPot Voltage: 670 Vrms Min @ 5MHz RF Leakage: -(90 - f GHz) dB Corona Level: 250 Vrms @ 70,000 ft Contact Resistance Center Conductor: Before Environmental: 3.0 Milliohms After Environmental: 2.0 Milliohms	Interface Dimensions: MIL-PRF-39012 Connector Durability: 500 Cycles Cable Retention Force: 30 lbs min. Coupling Nut Retention: 60 lbs min. Coupling Nut Proof Torque: 15 inch lbs min. Force to Engage and Disengage: 2.0 Inch lbs max Torque	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. B Moisture Resistance: MIL-STD-202, Method 106, Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity Corrosion: MIL-STD-202, Method 101, Test Cond. B Vibration: MIL-STD-202, Method 204, Test Cond. D Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:		APPLICABLE TENSOLITE DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED		-		-		-		-	
BODY & CENTER CONDUCTOR:		WORK STD	PROD INST	ASSY INST	DIMENSIONS ARE IN INCHES.		MATERIAL		SIZE		SPECIFICATION		PROCUREMENT	
GOLD PLATE PER ASTM B-488 OVER NICKEL PLATE PER AMS-QQ-N-290		NA	NA	NA	LINEAR .XX ±.015		NEXT ASSY		Tensolite		HIGH PERFORMANCE CABLES		C & INTERCONNECT SYSTEMS	
COUPLING NUT:					ANGULAR ± 1/2°		APPROVAL INITIALS		TITLE		SMA MALE STRAIGHT TO Ø .85		Long Beach, California 90815	
(FOR CCSF) PASSIVATED PER ASTM A-967 OR AMS-QQ-P-35					FRACTION ± 1/32		DATE		SEMI-RIGID CABLE (PLUG-IN CONTACT)					
(FOR CC) GOLD PLATE PER ASTM B-488 OVER		NOTICE			1. MACHINE FINISH: $\sqrt{RMS}$		DRAWN BY PMAO 04.05.05		SCALE 10:1		SUB-DIRECTORY/FILENAME OL		SHEET 1 OF 1	
NICKEL PLATE PER AMS-QQ-N-290		THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PRODUCTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HEREIN ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.			2. BREAK ALL SHARP EDGES .005 MAX.		CHECKED		QUALITY		ENGINEERING		ATV 12.30.05	
					3. MACHINED FILLETS .005 MAX.		QUALITY		SIZE C		CAGE CODE 30990		DRAWING NO. 5285-10	
					4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.		REVISION		REV. A					
					5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R.									
					6. DIMENSIONS TO BE MET BEFORE PLATING.									
					7. CHAMFER ALL THREADS 45°.									
					8. THREADS PER H-28									
					9. REMOVE FINISHED EDGES ON TEFLON.									
					10. REMOVE ALL BURRS.									

ENG-DWG REV. A

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