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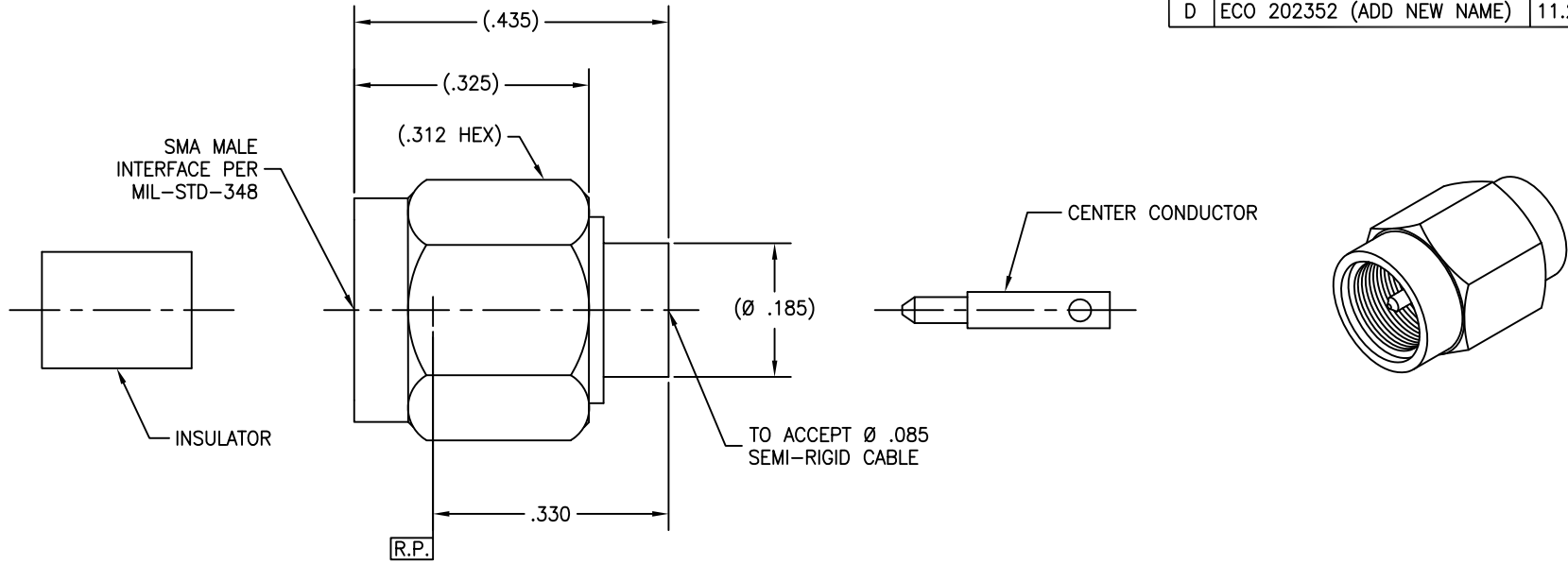
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P/N
BASIC
SF

REVISIONS			
REV	DESCRIPTION	DATE	BY
B	ECO 14394	04.15.02	ATV
C	ECO 19630	10.04.06	DKN
D	ECO 202352 (ADD NEW NAME)	11.20.24	DKN



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

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 +165°. 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 Amphenol CDI DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL		SPECIFICATION		PROCUREMENT																																															
Coupling Nut: (for SF): Passivated per ASTM A-967. (for BASIC): Gold plate per ASTM B-488, Type II, Code C, Class .25; Over nickel under plate per SAE-AMS-QQ-N-290, Class 1. Body & Center Conductor: Gold plate per ASTM B-488, Type II, Code C or D, Class 1.25; Over nickel under plate per SAE-AMS-QQ-N-290, Class 1.	<table border="1"> <thead> <tr><th>WORK STD</th><th>PROD INST</th><th>ASSY INST</th></tr> </thead> <tbody> <tr><td>NA</td><td>NA</td><td>NA</td></tr> </tbody> </table>	WORK STD	PROD INST	ASSY INST	NA	NA	NA	INTERPRET DRAWING PER ASME Y14.5-2018 DIMENSIONS ARE IN INCHES: LINEAR .XX ±.015 .XXX ±.005 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: 43/RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXES WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITH .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER 1H-26. 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr><th>APPROVAL INITIALS</th><th>DATE</th></tr> </thead> <tbody> <tr><td>IMG</td><td>03.12.02</td></tr> </tbody> </table>	APPROVAL INITIALS	DATE	IMG	03.12.02	<table border="1"> <thead> <tr><th>DESIGN ENGG</th><th>DATE</th></tr> </thead> <tbody> <tr><td>DNg</td><td>12.01.06</td></tr> </tbody> </table>	DESIGN ENGG	DATE	DNg	12.01.06	<table border="1"> <thead> <tr><th>TEST ENGG</th><th>DATE</th></tr> </thead> <tbody> <tr><td></td><td></td></tr> </tbody> </table>	TEST ENGG	DATE			<table border="1"> <thead> <tr><th>QUALITY</th><th>DATE</th></tr> </thead> <tbody> <tr><td></td><td></td></tr> </tbody> </table>	QUALITY	DATE			<table border="1"> <thead> <tr><th>MFG ENGG</th><th>DATE</th></tr> </thead> <tbody> <tr><td></td><td></td></tr> </tbody> </table>	MFG ENGG	DATE			<table border="1"> <thead> <tr><th>ECO APPRV</th><th>DATE</th></tr> </thead> <tbody> <tr><td>DNg</td><td>11.20.24</td></tr> </tbody> </table>	ECO APPRV	DATE	DNg	11.20.24	<table border="1"> <thead> <tr><th>SIZE</th><th>CAGE CODE</th><th>DRAWING NO.</th><th>SHEET</th><th>REV</th></tr> </thead> <tbody> <tr><td>10/1</td><td></td><td>5285-2</td><td>1 of 1</td><td>D</td></tr> </tbody> </table>	SIZE	CAGE CODE	DRAWING NO.	SHEET	REV	10/1		5285-2	1 of 1	D	<table border="1"> <thead> <tr><th>TITLE</th><th>PROCUREMENT</th></tr> </thead> <tbody> <tr><td>SMA MALE STRAIGHT TO Ø .085 SEMI-RIGID CALBE (W/ CONTACT)</td><td>12900 Alondra Blvd. Cerritos, CA 90703</td></tr> </tbody> </table>	TITLE	PROCUREMENT	SMA MALE STRAIGHT TO Ø .085 SEMI-RIGID CALBE (W/ CONTACT)	12900 Alondra Blvd. Cerritos, CA 90703
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