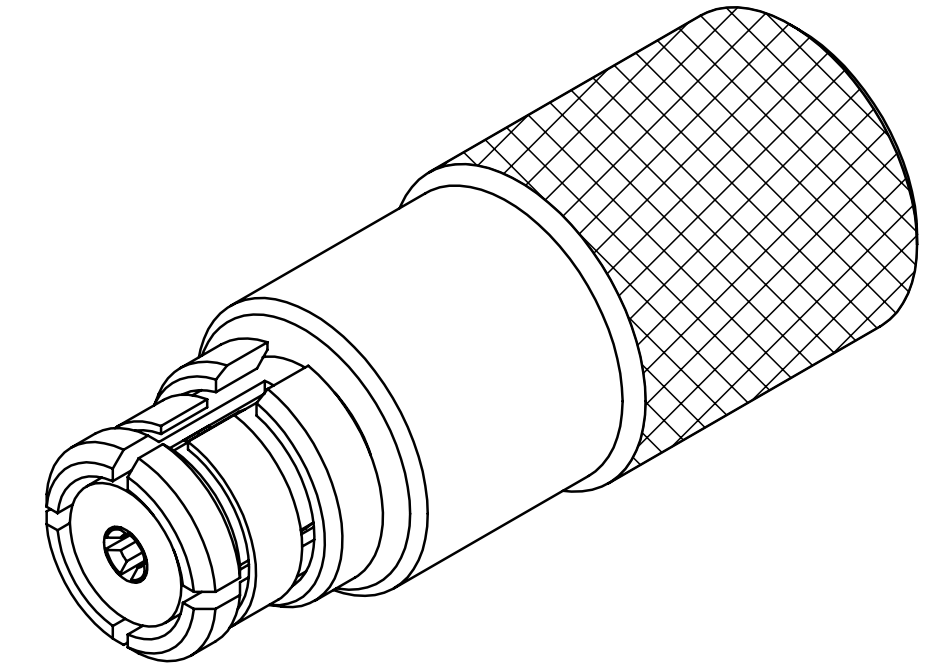
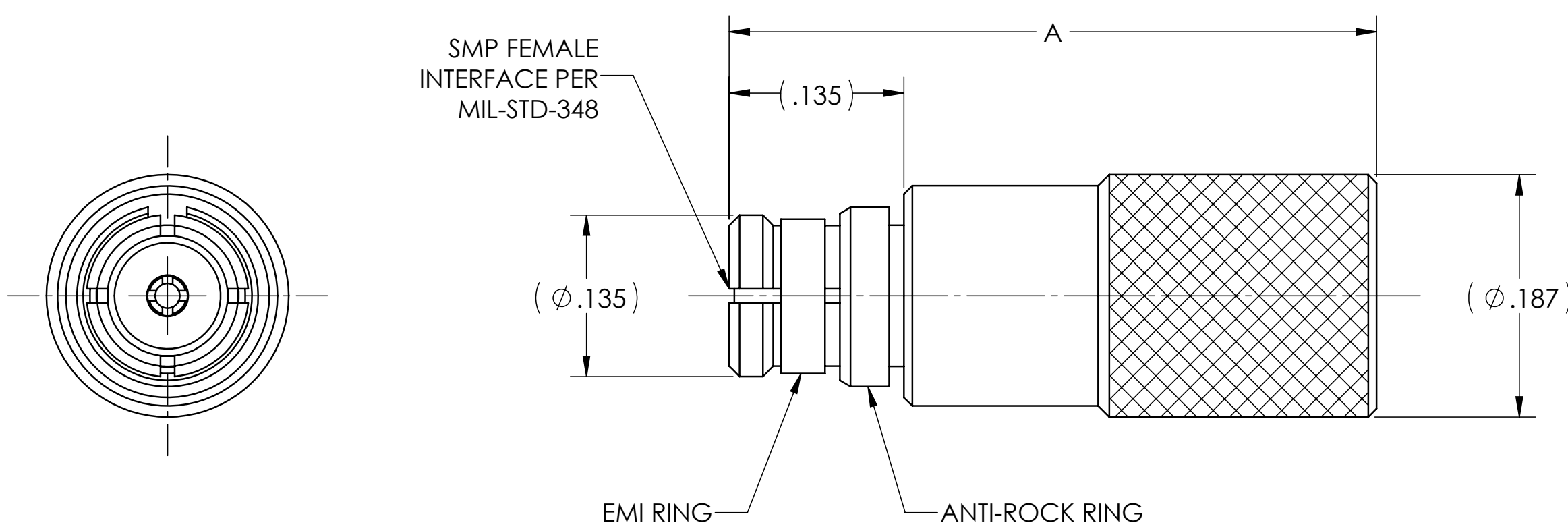


PART NO.	Ø A
-1CC	.500
-2CC	.300

REVISIONS			
REV.	DESCRIPTION	DATE	BY
L	ECO 28477	02.11.15	DKN
M	ECO 32268 (CHG MATL, FINISH, REDRW)	04.17.17	WM
N	ECO 33765 (CHANGE FREQ)	06.06.18	DKN



MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body, EMI Ring & Anti-Rock Ring: BeCu Alloy per ASTM B-196. Center Conductor & Cap: BeCu Alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Insert: Brass Alloy C360 per ASTM B-16.	Impedance: 50 Ohms Nominal. Frequency Range: DC to 14.0 GHz. VSWR: 1.35:1 max to 14 GHz. Power Handling: 20 dBm max.	Mating Characteristics: Interface per MIL-STD-348. Force to Engage & Disengage: Depend on Detent. Connector Durability: Depend on Detent. Permeability: Less than 2.0 mu. Center Contact Retention: Axial Force: 6 pounds min.	Temperature Range: -65°C to +165°C. Thermal Shock: MIL-STD-202, Method 107, Test Condition B. Moisture Resistance: MIL-STD-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: MIL-STD-202, Method 101, Test Condition B. Vibration: MIL-STD-202, Method 204, Test Condition D. Shock: MIL-STD-202, Method 213, Test Condition I.

FINISH(ES):	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES	MATERIAL	SPECIFICATION	PROCUREMENT																						
Body, Insert, Contact, Cap, EMI Ring & Anti-Rock Ring: Gold plate per ASTM B-488 over Nickel plate per SAE-AMS-QQ-N-290, Class 1.	<table border="1"> <thead> <tr> <th>WORK STANDARD</th> <th>PROD INSTRUC</th> <th>ASSY INSTRUC</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	NA	NA	NA	EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: $\sqrt{3}$ RMS 2. BREAK ALL SHARP EDGES .003 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 FRAVED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN BY: ATV</td> <td>06.25.98</td> </tr> <tr> <td>CHECKED BY: -</td> <td>-</td> </tr> <tr> <td>TEST ENGR: -</td> <td>-</td> </tr> <tr> <td>QUALITY: -</td> <td>-</td> </tr> <tr> <td>DESIGN ENG: ATV</td> <td>01.30.07</td> </tr> <tr> <td>MFG. ENGR: KM</td> <td>06.07.18</td> </tr> <tr> <td>ECO APPRV: DNg</td> <td>06.07.18</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	DRAWN BY: ATV	06.25.98	CHECKED BY: -	-	TEST ENGR: -	-	QUALITY: -	-	DESIGN ENG: ATV	01.30.07	MFG. ENGR: KM	06.07.18	ECO APPRV: DNg	06.07.18	CARLISLE Interconnect Technologies Cerritos, CA 90703 TITLE SMP FEMALE STRAIGHT TO 50 OHM LOAD TERMINATION SCALE 10:1 SUB-DIRECTORY/_OUTLINE/ SHEET 1 OF 1	DRAWING NO. P918 REV. N
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