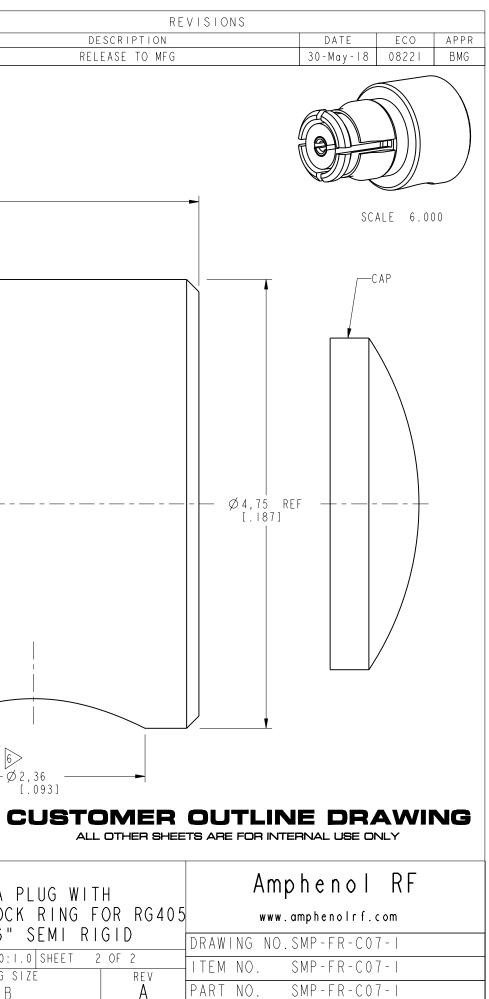
NOTES: THIRD ANGLE PROJ. 🕀 🖯 REV I. MATERIALS AND FINISHES: А BODY & CONTACT - BeCu, GOLD PLATING INSULATOR - PTFE, NATURAL CAP - BRASS, GOLD PLATING RETAINER RING - BeCu, NICKEL PLATING 2. ELECTRICAL: A. IMPEDANCE: 50 OHM B. FREQUENCY RANGE: DC - 26.5 GHz C. VSWR (RETURN LOSS): 1.20 MAX. (-20.80 dB MIN.) @ DC - 18 GHz I.35 MAX. (-15.60 dB MIN.) @ 18 - 26.5 GHz D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN. -6,86 REF [.270] 3. MECHANICAL: A. DURABILITY: IOO CYCLES MIN. WHEN MATED FULL DETENT JACK 3,71 REF — 500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK [.|46] 1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK B. TEMPERATURE RANGE: -65°C TO +165°C C. MATING FORCES (PER DSCC #94007): DISENGAGEMENT: ENGAGEMENT: FULL DETENT: 2 LBS (9 N) MIN. FULL DETENT: 15 LBS (67 N) MAX. LIMITED DETENT: IO LBS (45 N) MAX. LIMITED DETENT: 2 LBS (9 N) MIN. SMOOTH BORE: 2 LBS (9 N) MAX. SMOOTH BORE: 0.5 LBS (2.2 N) MIN. 4. PACKAGING: A. QUANTITY: SINGLE PACK B. MARKING: BAG TO BE MARKED "AMPHENOL RF, SMP-FR-C07-I, DATE CODE" 5. CABLE ASSEMBLY INSTRUCTIONS: A. SEE AMPHENOL SPEC 349-50687. INTERFACE PER-MIL-STD-348 6> SHOWS CABLE ENTRY DIMENSIONS. SERIES: SMP PLUG  $|6\rangle$ Ø2,36

## [.093]

	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: < 0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES $\pm 0.05mm$ $\pm 0.1mm$ $\pm 0.2mm$ $\pm 0.3mm$ $\pm 1^{\circ}$	MATERIAL SEE NOTES	DRAWN K.SONG	DATE 02 - Jun - 18	TITLE SMP R/A PLUG WIT	н
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	product, process of design, patented of otherwise, that may in any way be related to	CONFIGURATION LEVEL: In Work FINISH	CAD FILE		dwg size B	



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