

NOTES: 1. ELECTRICAL: A. IMPEDANCE: 50Ω (NOMINAL) B. FREQUENCY RANGE: 0-6 GHz C. CONTACT RESISTANCE: CENTER: 20mΩ MAX.: MEASURED AT 10mA MAX. 25 mΩ MAX AFTER CYCLING OUTSIDE: 10mΩ MAX. 15 mΩ MAX AFTER CYCLING D. INSULATION RESISTANCE: 500MΩ MIN.: MEASURED AT 100 VDC. E. WITHSTANDIN VOLTAGE: NO LINE OR INSULATION BREAKDOWN: 200 VAC FOR 1 MIN. F. V.S.W.R. : 1.3 MAX. AT DC TO 3GHz, 1.4 MAX. AT 3 TO 6GHz 2. PHYSICAL: A. FEMALE CONTACT HOLDING FORCE: .15N MIN. : MEASURED WITH A Ø.475MM PIN GAUGE. B. DURABILITY: 30 CYCLES C. TEMPERATURE RANGE: -40°C TO +90°C. D. AMC CONNECTOR MATING FORCE: 15N TYPICAL E. AMC CONNECTOR DEMATING FORCE: 10N TYPICAL F. AMC INTERFACE IS FULLY COMPATIBLE WITH "U.FL" SERIES PRODUCT. 3. MATERIALS AND FINISHES: CONNECTOR BODY: PHOSPHOR BRONZE, SILVER PLATED (.08u MIN.) OVER COPPER (1-2u) CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED (0.2u MIN.) OVER NICKEL (2-3u) CONNECTOR INSULATOR: PBT CABLE JACKET: FEP CABLE DIELECTRIC: FEP CABLE CENTER CONDUCTOR: 32AWG ANNEALED COPPER WIRE STRANDED, SILVER PLATED CABLE OUTER CONDUCTOR: ANNEALED COPPER WIRE BRAID, SILVER PLATED	A-IPA-113-XXXYZ		REVISIONS															
	DRAWING NO.	REV	DESCRIPTION		DATE	ECO	APPR	CABLE ASSEMBLY OVERALL LENGTH TOLERANCE <table><tr><th>OVERALL LENGTH L (mm)</th><th>STANDARD TOLERANCE (mm)</th></tr><tr><td>35<L<200</td><td>± 4</td></tr><tr><td>200 < L 500</td><td>± 8</td></tr><tr><td>500 < L 1000</td><td>± 12</td></tr><tr><td>1000 < L</td><td>±1.5 %</td></tr></table>	OVERALL LENGTH L (mm)	STANDARD TOLERANCE (mm)	35<L<200	± 4	200 < L 500	± 8	500 < L 1000	± 12	1000 < L	±1.5 %
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THIRD ANGLE PROJ.	A	RELEASE TO MFG.		2/20/03	44376	ORB												
	B	A) ADDED CABLE MATERIAL & MATE/DEMATE NOTES		3/6/03	44396	ORB												
	C	A) BODY PLATING WAS: GOLD PLATED OVER NICKEL B) NOTE 2D WAS: 25N TYPICAL		4/2/03	44402	BCG												
	D	REMOVED BUMP ON PLUG, 4 WAS 3.99, 5.2 WAS 5.19, 1.95 WAS 2.01; MΩ WAS mΩ		3/3/14	49763	EW												