



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
X1	OL	07/21/25	P. WALKER

<p>MATERIAL AND FINISH:</p> <p>SHELL: ALUMINUM ALLOY PER ASTM-B211 OR ASTM-B221. FINISH: ELECTROLESS NICKEL PLATE.</p> <p>CONTACT: COPPER ALLOY PER SAE-AS39029. FINISH: GOLD PLATED.</p> <p>INSULATORS: EPOXY GLASS LAMINATE PER MIL-DTL-38999.</p> <p>INTERFACIAL SEAL: FLUOROSILICONE PER MIL-DTL-38999.</p> <p>SOLDER PREFORMS: INDIUM SOLDER ALLOY, 50Pb/50In.</p>	<p>ELECTRICALS:</p> <p>NON-FILTER D.W.V.: 1,500 VDC - 2 SECONDS MINIMUM DWELL TIME. I.R.: 5,000 MEGOHMS AT 1,500 VDC.</p> <p>HELIUM LEAK TEST: UNITS MUST PASS LESS THAN 10⁻⁵ cc/SEC HELIUM AND 10⁻⁶ cc/SEC AIR LEAK</p>	<p>MECHANICAL:</p> <p>ALL INTERFACE DIMENSIONS PER MIL-DTL-38999 (BOTH ENDS)</p> <p>INSERT ARRANGEMENT 19-32 PER MIL-STD-1560 SOCKET ENGAGEMENT JAMNUT SIDE, PIN ENGAGEMENT OPPOSITE SIDE.</p> <p>MARKING: MARK WITH "Amphenol CDI", DATE CODE, "CS93AAFF32SN", and MFG CODE IN LOCATION SHOWN.</p>	<p>ENVIRONMENTAL:</p> <p>TEMPERATURE RANGE: -55 C TO +165 C</p> <p>TEMP. CYCLING: EIA-364-32, 250 CYCLES.</p> <p>FLUID IMMERSION: EIA-364-10.</p> <p>HUMIDITY: EIA-364-31, METHOD IV, 100MQ.</p> <p>CORROSION RESISTANCE: EIA-364-26, CONDITION B 48 HOURS.</p> <p>VIBRATION - RANDOM: EIA-364-28, CONDITION VI, 3 AXES.</p> <p>SHOCK: EIA-364-27.</p> <p>DURABILITY: 500 MATINGS AT MAX 300/HOUR.</p>
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NOTES:

1. THESE CHARACTERISTICS ARE TYPICAL AND FOR REFERENCE.

2. FOR QUESTIONS PLEASE CONTACT SALES@AMPHENOLCDI.COM

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DIMENSIONS ARE IN INCHES ± TOLERANCES UNLESS OTHERWISE NOTED		MATERIAL		SPECIFICATION		PROCUREMENT	
.XX ± 0.005"	ANGULAR 1°	APPROVAL	INITIALS	DATE	12900 Alondra Blvd. Cerritos, CA 90703		
.XXX ± 0.003"		DRAWN BY	P. WALKER	07/21/25	TITLE		
		CHECKED BY	XXX	XX/XX/XXXX	38999III SEAL3D, JAMNUT ADAPTER, 19-32 "N" SKT		
		TEST ENG	XXX	XX/XX/XXXX	SCALE	SUB-DIRECTORY/	
		QUALITY	XXX	XX/XX/XXXX	3:1	XXXXX	
		DESIGN ENG	XXX	XX/XX/XXXX	SIZE	CAGE CODE	DRAWING NO.
		MFG ENG	XXX	XX/XX/XXXX	C	30990	OL_CS93AAFF32SN
		ECO APPRV	XXX	XX/XX/XXXX			SHEET 1 OF 1
							REV. X1