

TECHNICAL DATA SHEET

CONTROLLED PRODUCTION DATA SHEET

PC

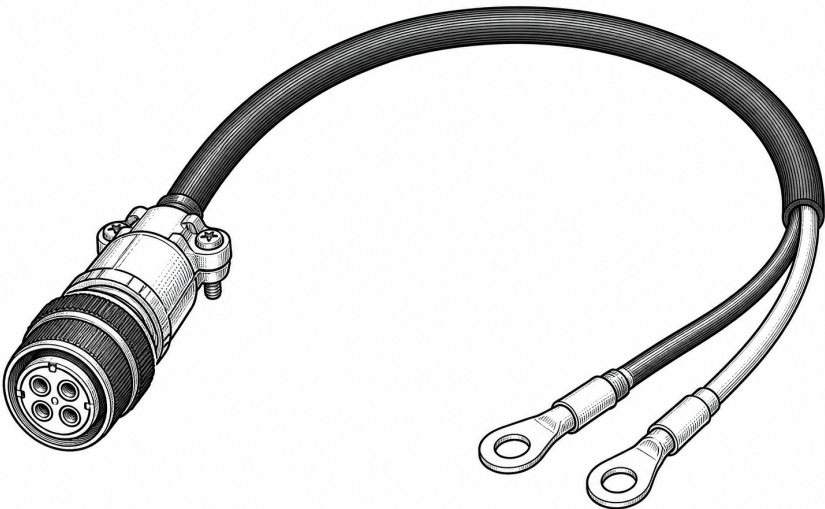
PRIME CURRENT
LLC
INTERCONNECT SYSTEMS

ASSEMBLY 03

DC POWER CABLE

MIL-DTL-5015 (14S-2S) FEMALE BREAKOUT

A. MAIN VIEW

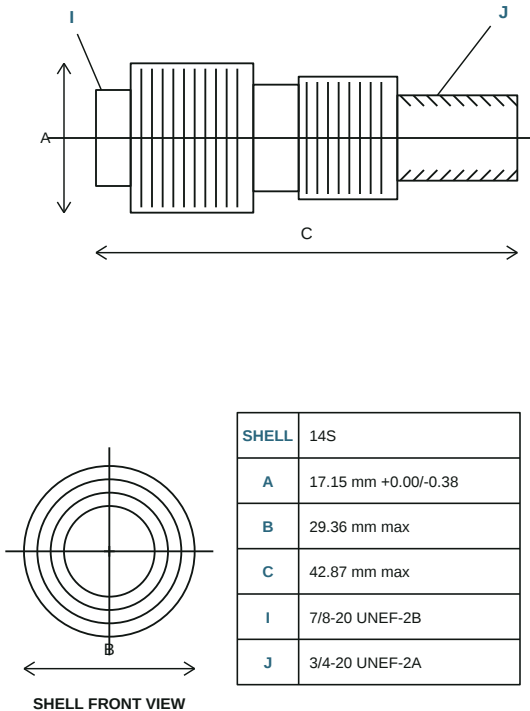


STANDARD FINISHED LENGTH: 10 ft / 3.05 m - CUSTOM LENGTHS TO ORDER

PRIME CURRENT P/N PC-CA-003

CUSTOM CONFIGURATION TO ORDER

B. DIMENSIONAL DRAWING



C. INTERFACE IDENTIFICATION

AVAILABLE SUPPLY

Mating connector hardware and custom cable fabrication

CABLE END

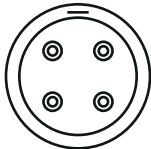
MS3106A-14S-2S style straight plug

MATING END

MS3102A-14S-2P panel receptacle

LOCATION

Middle landing interface



CABLE END

4 SOCKET CONTACTS (FEMALE)



MATING END

4 PIN CONTACTS (MALE)

D. SPECIFICATIONS

PART NUMBER	PC-CA-003
DESCRIPTION	Two-strand DC breakout
CABLE CONDUCTOR	10 AWG stranded copper
LENGTH	10 ft standard (3.05 m); custom to order
OPERATING BASIS	23.78-28.0 VDC operating range; 15 A max connector basis
CONNECTOR RATING	500 V / 15 A connector catalog rating
CONNECTOR	MS3106A-14S-2S style straight plug
INSERT	14S-2; size 16 contacts
TERMINATION	Two ring-terminal field leads
QUALITY RECORDS	Supplied when required by customer order

REVISION HISTORY

REV	DATE	DESCRIPTION
A	2026-08-10	PRODUCTION RELEASE
B	2026-08-11	DIMENSION / INTERFACE UPDATE
C	2026-08-11	CONDUCTOR SPECIFICATION
D	2026-08-11	CUSTOMER SPEC UPDATE

PROPRIETARY / RELEASE NOTICE

Prime Current LLC controlled production data. Connector dimensions and 500 V / 15 A component ratings are catalog-based. Cable conductor gauge is production data. Customer order controls final configuration and records.

DOCUMENT CONTROL

DRAWN BY: PRIME CURRENT
RELEASE: PRODUCTION

DIMENSION BASIS: MIL-DTL-5015 interface data
Configuration controlled by Prime Current LLC