

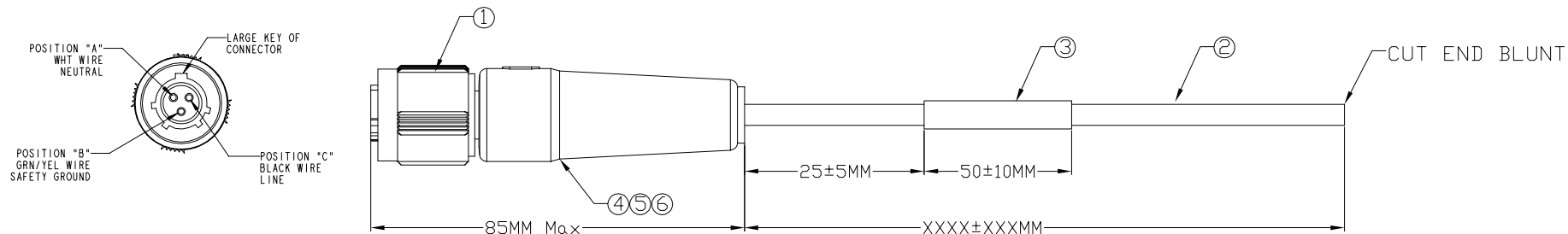
CUSTOMER DRAWING

REVISIONS		
REV.	DESCRIPTION	DATE
PA1	INITIAL PRERELEASE	2018-11-19
PA2	ADD NEW P/N	2018-12-12

CA-100769-000

SHEET 1 OF 2

C



4. LABEL CONTENT:
 CHARACTERS MUST BE 2.0MM TO 4.0MM HIGH.
 COLOR WHITE.



CONNECTION TABLE

- A — WHITE
- B — GREEN/YELLOW
- C — BLACK
- SHELL — BRAID

P/N	LENGTH
CA-100769-001	10000±150
CA-100769-002	1850±30

3. ENVIRONMENTAL:
 OPERATING TEMPERATURE RANG: -40°C TO +90°C
 INGRESS PROTECTION: IP67 (PLUG SIDE WHEN MATED TO SOCKET)
 HUMIDITY RANGE: 5% TO 95% RH
 TENSILE STRENGTH: 1000N
 MINIMUM BEND RADIUS: 100MM
 DURABILITY: 500 MATING CYCLES MIN
 FLAME RESISTANCE: ALL COMPONENTS SHALL BE UL 94V-2 OR BETTER
 CABLE ASSEMBLIES MUST MEET THE REQUIREMENTS OF THE XENON-ARC/WATER
 SPRAY EXPOSURE UL1581 MINIMUM TENSILE STRENGTH AND ELONGATION AFTER
 720 HOURS OF UV EXPOSURE SHALL BE AT LEAST 80% OF UNEXPOSED
 SAMPLE. THIS REQUIREMENT APPLIES TO EXTERNAL SIDE OF THE CABLES ONLY.

2. ELECTRICAL:
 OPERATING VOLTAGE: 600 VRMS MAX
 MAX CURRENT PER CONDUCTOR: 15 AMPS
 VOLTAGE BREAKDOWN: CABLE ASSEMBLY SHALL WITHSTAND 2000 VRMS, 60HZ FOR
 ONE MINUTE BETWEEN ANY CONDUCTOR AND SAFETY GROUND. SUPPLIER TO TEST
 5 SAMPLES PER LOT
 CONTINUITY: 100% TEST CABLES FOR DC CONTINUITY
 GROUNDING: 100% TEST CABLES FOR BRAIDED SHIELDS TO CONNECTOR HOUSING
 CONTINUITY

1. THE REFERENCED PRODUCT IS IN COMPLIANCE WITH THE MAXIMUM CONCENTRATION
 VALUES (MCV'S) AS SET BY ROHS 2.0 DIRECTIVE 2011/65/EU AND ANNEX II
 AMENDMENT DIRECTIVE (EU)2015/863.

NOTES:

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.

N/A	PRO/ENGINEER INFORMATION
NEXT ASSEMBLY	Pro/e Model Used:
METRIC DOCUMENT	Drawing Name:
	Idwg_name

UNLESS OTHERWISE SPECIFIED
 LINEAR DIMENSIONS ARE IN MILLIMETERS
 TOLERANCES:
 ANGLES = ±2°
 DEFAULT LINEAR TOLERANCES SEE TABLE
 DIM & TOL. PER ASME Y14.5M-1994;
 DRG PER MIL-DTL-31000;
 OTHER AMPHENOL STANDARDS:
 9-9318

LEGENDS:
 =FLAG NOTE CALL OUT REFERENCE ONLY

SPECIFICATIONS	APPROVALS	DATE
MATERIAL SPEC.		2018-11-19
PROCESS SPEC.		

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
6	1	C10-754633-09G	ADAPTER, SZ 9, PLATED BRASS	
5	0.02	CASC-003-00	ADHESIVE COPPER FOIL WIDTH 6 MM	
4	0.04	CPA678	POTTING MATERIAL PA678	
3	0.05M	CHT2Z-019-01A	A-2C215.0MM H/S TUBE 2:1 RED	
2	33.41	CCA14-002-09	CABLE 14AWG*3C TFC-2367-0200-14 GRND BLACK	
1	1	C91-754340-98S	AL06F9-98S(12-14AWG)	

PARTS LIST		APPROVALS		DATE
AMPHENOL INDUSTRIAL OPERATIONS				
Amphenol Technology(Zhuhai)Co.,Ltd				
No.63, Xinghan Road, Sanzao Town, Jinwan, Zhuhai, PRC				
CABLE ASSEMBLY, EXTER AC POWER, 3 WIRE, 14AWG				
SIZE	CAGE CODE	DOCUMENT NO.	REV.	
C	77820	CA-100769-000	PA2	
SCALE: N/A	REF.	SHEET 1 OF 2		

FORMAT: C-LE-REV. B

CA-100769-000

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