

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	Feb-26-2024	
2	R7786W	ADD IP55 AND IP54	Apr-19-24	

Amphenol PCD S
ORIGINAL
PDF Format
R&D

Laser Marking

UK
CA

TYPE:
HVCOIMBR6PF504LXXXX
IP55(Mated) T/N:XXXXXXXX YYWW
IP54(With cap)

T/N:XXXXXXXX YYWW
Work order number + batch number+year+Week
Font: Arial 2Ref 

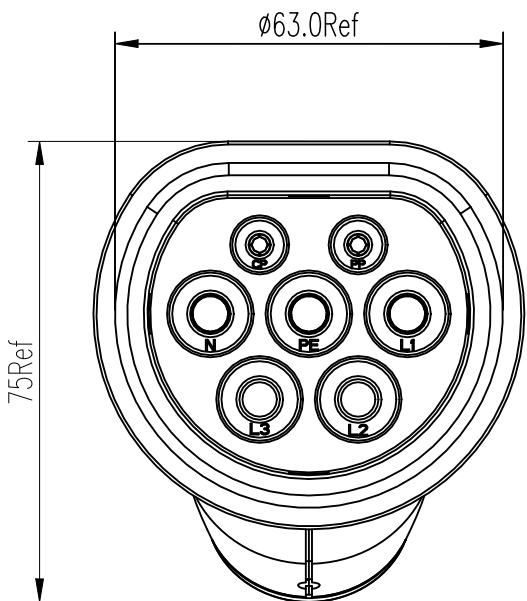
QR code,

content including:

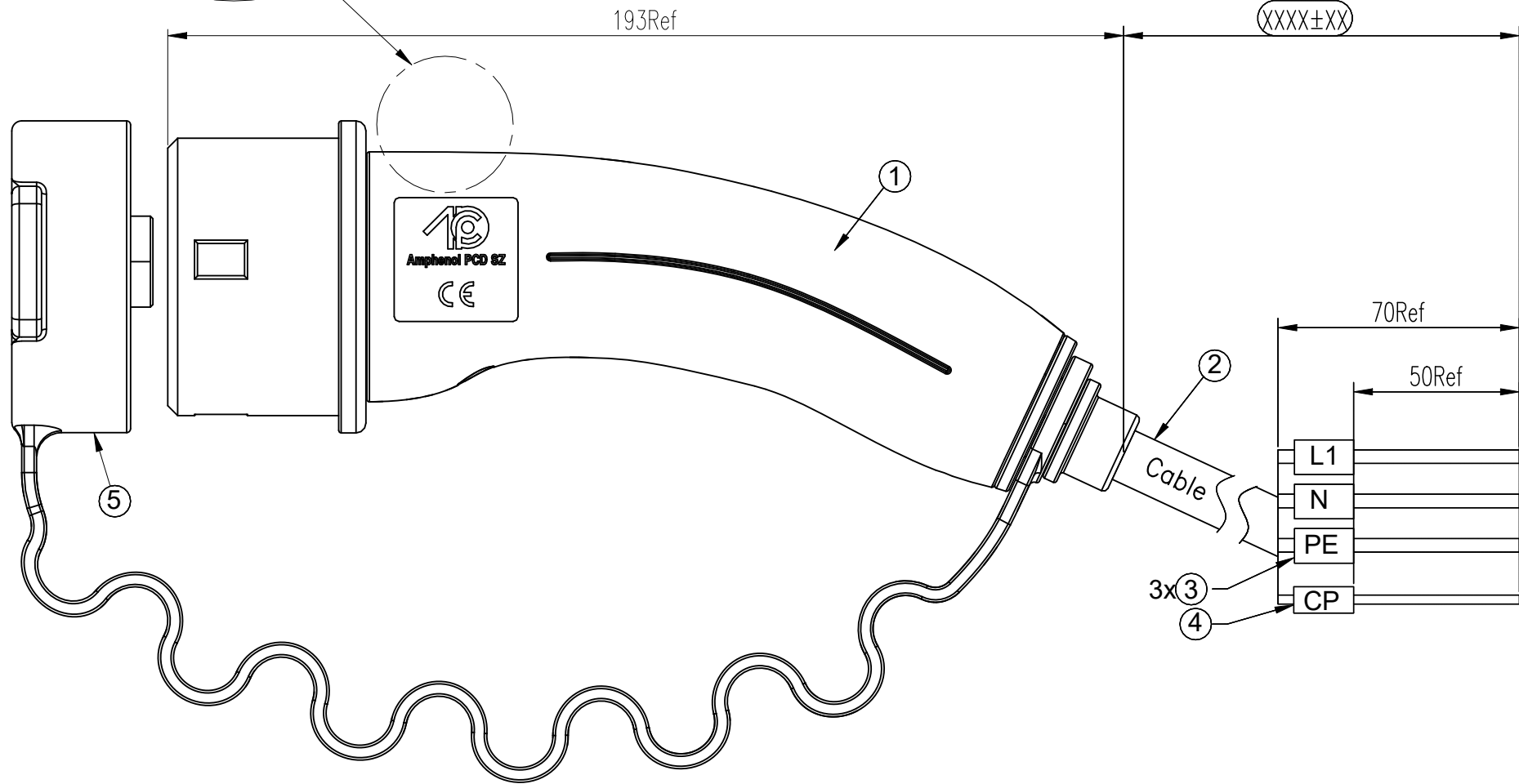
HVCOIMBR6PF504LXXXX#Work order number#Serial number

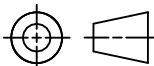


VOLTAGE/CURRENT:
250V/32A AC
PHASE: 1P



Vehicle connector



DIMENSIONS ANSI Y14.5M UNITS: MM	TOLERANCES .X ± 0.5 .XX ±0.05 ANGLES ±2.0°	PROJECTION 	Amphenol PCD Shenzhen		TITLE IEC VEHICLE CONNECTOR 32A SINGLE PHASE CABLE ASSEMBLY -POTTING			
			ENGR					
			Feb-26-2024					
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING		CHKD		SIZE	DWG NO.		REV
			APPD		A3	C-HVCOIMBR6PF504LXXXX		2
							SCALE 1:1	

Identifier:
Comply with EN17186
Position:

MODE OF CONNECTION:

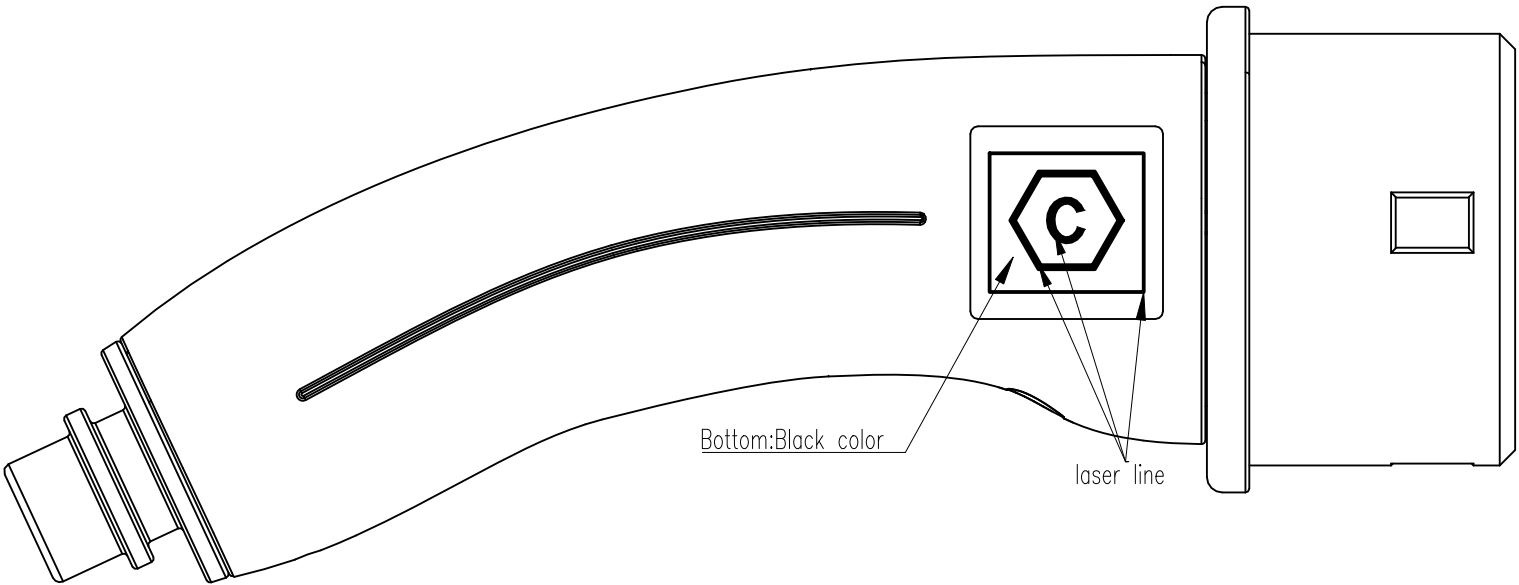
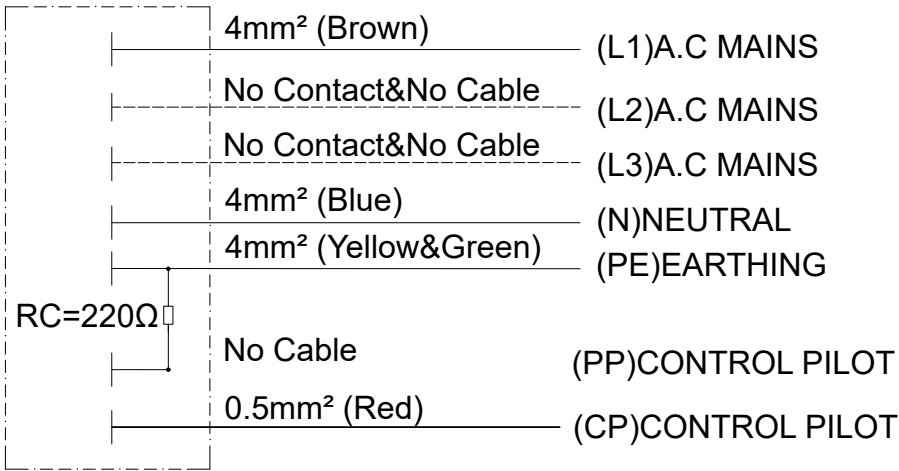
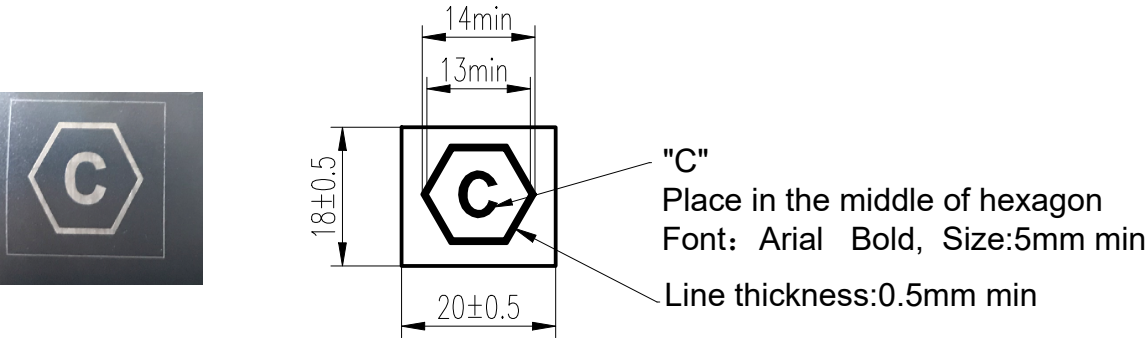


Photo see below:

Size see below:



- *Notes:**
- 1.Cable assembly data:
 - ★ Rated Voltage:250VAC(L1& N & PE),30VDC(PP & CP);
 - ★ Rated Current:32A Max(L1& N),2A Max(PP & CP);
 - ★ Insulation Resistance:100MΩ Min(DC500V);
 - ★ Withstand Voltage:2000V/AC r.m.s;
 - ★ IP-Class: IP54(with CAP fitted) IP55(when mated) IP67 for enclosure;
 - ★ Comply With RoHS;
 - ◎ Durability: ≥ 10000 cycles;
 - Ambient Temperature: -30°C ~ +50°C;
 - 2.IEC Plug reference: C-HVCOIMBR6PF504L0000;
 - 3.Reference: IEC 62196-2 , EN17186;
 - 4.Minimun bending radius:128mm;
 - 5.HVCOIMBR6PF504LXXXX

Length(mm)	Tolerance
0~1000	±50
1001~5000	±100
>5000	±200

⑤	P01BP00382	DUST CAP FOR VEHICLE CONNECTOR, BLACK	1	EA
④	P05B000002	SINGLE-WALL H.S.T: Ø2.5 WHITE	0.02	m
③	P05B000006	SINGLE-WALL H.S.T: Ø6.0 WHITE	0.06	m
②	CABLE	3C*4mm² +1C*0.5mm² BK OD=11.5±0.4	AR	m
①	HVCOIMBR6PF504N0000	VEHICLE CONNECTOR, 1P,32A,BLACK	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT
		SIZE	DWG NO.	REV
		A3	C-HVCOIMBR6PF504LXXXX	2
		SCALE	1:1	SHEET 2 OF 2