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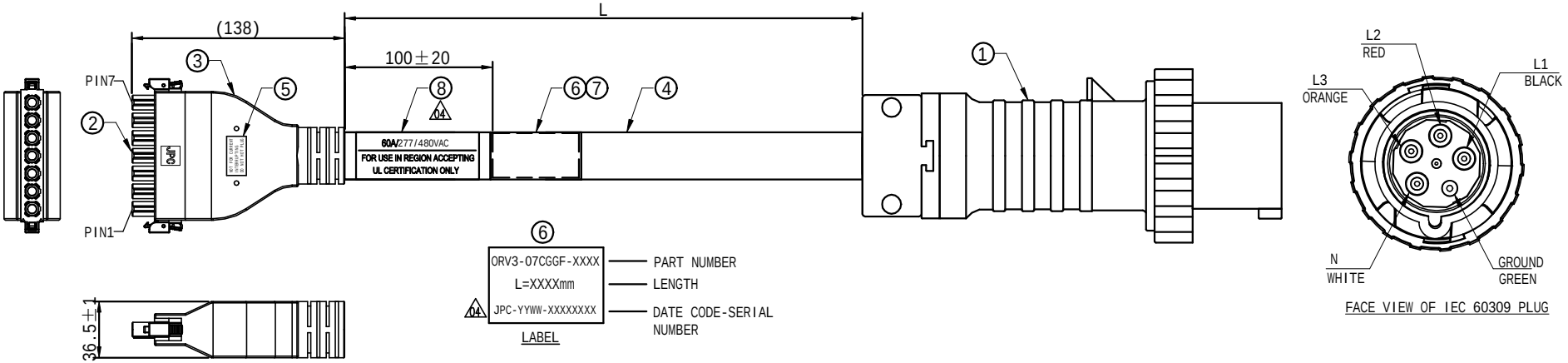
CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
02		INCREASE THE PRODUCT PART NUMBER	YANG	DENG	23/07/2026
03		INCREASE THE PRODUCT PART NUMBER	YANG	DENG	28/07/2026
04		ADD UL LABEL & UPDATE SERIES NUMBER DIGIT	YANG	DENG	18/08/2026



FACE VIEW OF IEC 60309 PLUG

⑥ LABEL

ORV3-07CGGF-XXXX — PART NUMBER
L=XXXXmm — LENGTH
04 JPC-YYWW-XXXXXXXX — DATE CODE-SERIAL NUMBER

AC INPUT PAIR 1	PIN1	BLACK	L1
	PIN2	WHITE	N
AC INPUT PAIR 2	PIN3	RED	L2
PROTECTIVE EARTH	PIN4	GREEN	G
AC INPUT PAIR 2	PIN5		
AC INPUT PAIR 3	PIN6	ORANGE	L3
	PIN7		

THE WIRING DIAGRAM

PN	DESCRIPTION	L
ORV3-07CGGF-1500	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=1500mm	1500+30/-0
ORV3-07CGGF-2500	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=2500mm	2500+50/-0
ORV3-07CGGF-3000	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=3000mm	3000+70/-0
ORV3-07CGGF-3100	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=3100mm	3100+70/-0
ORV3-07CGGF-3500	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=3500mm	3500+70/-0
ORV3-07CGGF-4000	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=4000mm	4000+90/-0
ORV3-07CGGF-4500	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=4500mm	4500+90/-0
ORV3-07CGGF-5000	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=5000mm	5000+110/-0
ORV3-07CGGF-5500	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=5500mm	5500+110/-0
ORV3-07CGGF-6500	277/480Vac,60A ORV3 AC WHIP CABLE, TYPE W 5Cx6AWG, AMPHENOL IEC60309 4P5W 7H PLUG , L=6500mm	6500+130/-0

03 02

NOTE:
1.OPERATION VOLTAGE: 277/480 VAC;
2.OPERATION CURRENT: 60A;
3.OPERATION TEMPERATURE: -40~90℃;
4.CABLE FLAME RATING: FT1;
5.INSULATION RESISTANCE:DC 1000V,5S,>550MΩ;
6.HI-POT TESTING:DC 5000V,5S,1mA;

ITEM	SUPL	SUPL PN	DESCRIPTION	Q'TY
8	/	/	LABEL, W=52MM(REF),YELLOW WITH BLACK TEXT	1 PCS
7	/	/	HEAT SHRINK TUBE TRANSPARENT	1 PCS
6	/	/	LABEL WHITE	1 PCS
5	/	/	LABEL YELLOW	2 PCS
4	/	/	TYPE W 5*6AWG CABLE	A/R
3	/	/	THERMOPLASTIC BLACK	A/R
2	/	/	OCP ORV3 UNIVERSAL AC FEMALE CONNECTOR SPH10PPPPPPP1F0001/AA (POSITRONIC)	1 PCS
1	/	/	IEC 60309 PLUG 2CMA100384R1000 (AMPHENOL)	1 PCS

RoHS COMPLIANT

Unit:mm(inch)

GENERAL TOLERANCES: (UNLESS SPECIFIED)
0 =±1 (0.039)
0.0 =±.5 (0.02)
0.00 =±.3 (0.012)
0.000=±.15(0.006)
0° =± 2°
0.0° =± 1°

PROJECTION

D.R.
CH.K
APV.D

JPC connectivity Inc.

TITLE: 277/480Vac,60A ORV3 AC WHIP CABLE
PD./FILE NO.: XXXXXXXXX
X-XXXX
SCALE: N.T.S. | SIZE: A4 | PART NO.: ORV3-07CGGF-XXXX
REV. 04
SHEET 1 OF 1