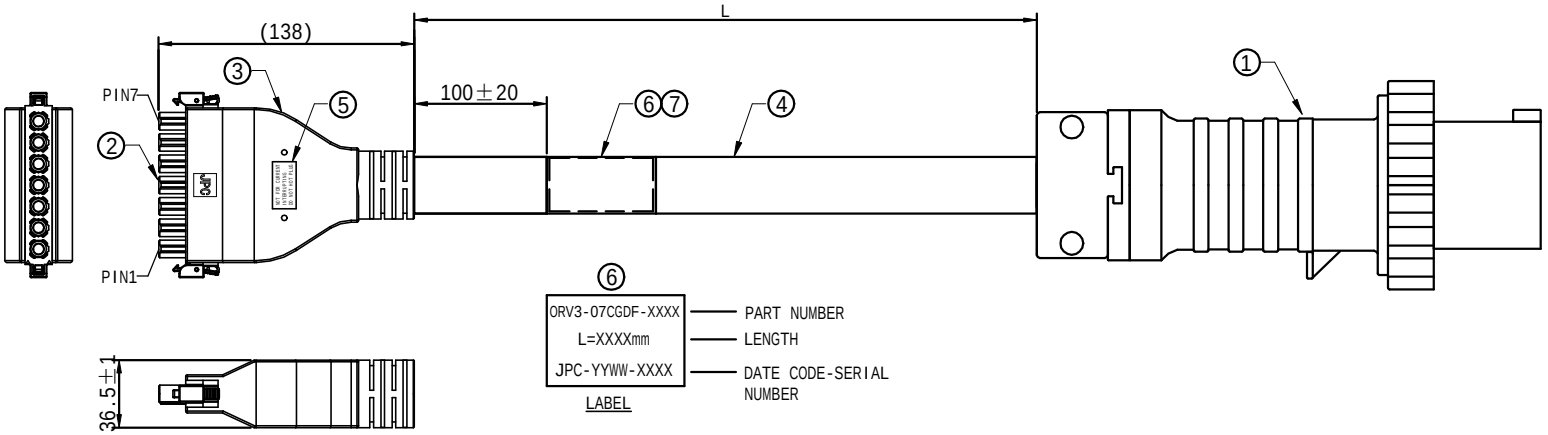
THIS DRAWING AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED USED OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF JPC connectivity Inc.(JPC)

CUSTOMER DRAWING

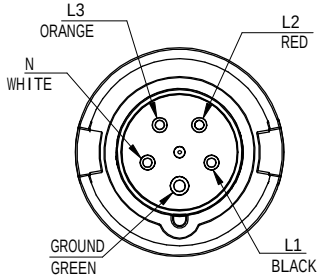
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	YANG	DENG	20/03/2025
02					
03					



⑥

ORV3-07CGDF-XXXX	PART NUMBER
L=XXXXmm	LENGTH
JPC-YYWW-XXXX	DATE CODE-SERIAL NUMBER

LABEL



FACE VIEW OF IEC 60309 PLUG

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

P/N	DESCRIPTION	L
ORV3-07CGDF-1500	ORV3 Series, AC Whip Overmolded Cable, 200-240/346-415 VAC, 60 A, ORV3 AC Female Connector, Straight, TYPE W 6 AWG Cable, IEC 60309 Plug, L=1500mm	1500^{+30}_{-0}
ORV3-07CGDF-2500	ORV3 Series, AC Whip Overmolded Cable, 200-240/346-415 VAC, 60 A, ORV3 AC Female Connector, Straight, TYPE W 6 AWG Cable, IEC 60309 Plug, L=2500mm	2500^{+50}_{-0}
ORV3-07CGDF-3500	ORV3 Series, AC Whip Overmolded Cable, 200-240/346-415 VAC, 60 A, ORV3 AC Female Connector, Straight, TYPE W 6 AWG Cable, IEC 60309 Plug, L=3500mm	3500^{+70}_{-0}
ORV3-07CGDF-4500	ORV3 Series, AC Whip Overmolded Cable, 200-240/346-415 VAC, 60 A, ORV3 AC Female Connector, Straight, TYPE W 6 AWG Cable, IEC 60309 Plug, L=4500mm	4500^{+90}_{-0}
ORV3-07CGDF-5500	ORV3 Series, AC Whip Overmolded Cable, 200-240/346-415 VAC, 60 A, ORV3 AC Female Connector, Straight, TYPE W 6 AWG Cable, IEC 60309 Plug, L=5500mm	5500^{+110}_{-0}
ORV3-07CGDF-6500	ORV3 Series, AC Whip Overmolded Cable, 200-240/346-415 VAC, 60 A, ORV3 AC Female Connector, Straight, TYPE W 6 AWG Cable, IEC 60309 Plug, L=6500mm	6500^{+130}_{-0}

ITEM	SUPL	SUPL PN	DESCRIPTION	Q'TY
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	1 PCS
1	/	/	IEC 60309 PLUG	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: OCP ORV3 AC Whip Overmolded Cable

PD./FILE NO.: XXXXXXXXX
X-XXXX

SCALE: N.T.S. | SIZE: A4 | PART NO.: ORV3-07CGDF-XXXX | REV. 01 | SHEET 1 OF 1