



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Increased packaging: Tray	2019.12.10	ZOEY	CHERRY

1. Electrical Characteristic

- 1.1 Current Rating
Power Contacts: 10 to 40A
- 1.2 Voltage Rating: 300V
- 1.3 Contact Resistance: 5 Milliohms Max
- 1.4 Insulation Resistance: 5000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage : 1000V AC r.m.s Min

2. Materials And Finish

- 2.1 Shell: Steel Material, Front Nickel Plated 80u" Min
Back Shell Tin Plated 100u" Min
- 2.2 Insulator: Glass Filled Thermoplastic, UL 94V-0 , Colour: Black
- 2.3 Power Contacts: Copper Alloy/Gold Plated 3u~30u
- 3. Temperature Range-Operating: -55°C ~ +105°C

Type	Part NO.	A	B	Wire	Current Rating(A)
A	FDV0201-MOWS1XXK6XA	ø.098(2.50)	.177(4.50)	14#~16#	10
B	FDV0201-MOWS1XXK6XB	ø.142(3.60)	.197(5.00)	10#~12#	20
C	FDP0201-MOWS1XXK6XC	ø.173(4.40)	.217(5.50)	8#~10#	30
D	FDP0201-MOWS1XXK6XD	ø.217(5.50)	.217(5.50)	6#~8#	40

Ordering Information

FDV 02 01 — M O W S 1 XX K6 X X
1 2 3 4 5 6 7 8 9 10 11

1	Category FDV—Power Type D—SUB Connectors	2	Circuits 02—2Circuits	3	Distinction No. 01	4	Type MO—Male	5	Assembly Layout W—Welding Type	6	Entry Type S—180° Vertical
7	Plating 1—Gold Plated	8	Thickness of Plating 01—1μ" 15—15μ".... Custom plate available	9	Plastic Colour K6—Black	10	Packaging L—PE Pipe K—Tray	11	Type A—Type A C—Type C B—Type B D—Type D		



THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	3K-KAMI NG	
X.±.012(0.30)		X.±5'		FRANK	19/JUL/13	FDV0201-MOWS1XXK6XX	FDV0201-M	REV 1 SHEET NO. 1/1	
DESIGN UNITS Inch (metric)		X.X±.008(0.20)		CHECKED BY	DATE	TITLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMI NG) ELECTRONIC PRODUCTS CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SCALE 5:1		X.XX±.006(0.15)		CHERRY	19/JUL/13	POWER MACHINED CONTACT MALE 2V2 CONN			
SIZE A/L		X.XX±1'		DRAWN BY	DATE				
		X.XXX±.004(0.10)		JACOB	19/JUL/13				