



Technical data

1. Nominal voltage: 300V/8A

PITCH: 3.81mm

2. Connection capacity:

AWG 30-16

3. Insulation Withstands Voltage:

AC 1600V/MIN

4. Insulation Resistance:

1000M $\Omega$  or more at DC500V

5. Tightening torque:

2.3kgf.cm (2 Lb-in / 0.23N.m)

6. Screw thread: M2

7. Stripping length: 6-7mm

8. Using temperature range: -40C $\circ$ -115C $\circ$

9. Undimensioned Tolerances:

Dim L = P x 3.81 + 0.3	Dim B	Dim L
Dim B = (P - 1) x 3.81	0-30mm	$\pm 0.15$
P = number of poles	over 30mm-60mm	$\pm 0.20$
	over 60mm-90mm	$\pm 0.25$
	over 90mm	$\pm 0.30$
		$\pm 0.40$

10. Safety approval:

11. RoHS Compliance

12. Critical dimension:

MBFR381 XX X XXX

① Poles 02-24

② Color

0 Black 3 Orange 5 Green 6 Blue G Pale Gray.....

③ Custom 000 K\*MARK 00K KUNACON MARK .....

6	FLANGE SCREW	STEEL	M2.5x0.45, Zn Plated	2				
5	CAGE	BRASS	M2.0x0.4, Ni PLATED	P				
4	SCREW	STEEL	M2.0x0.4, Zn Plated	P				
3	WIRE GUARD	BRONZE (PbZ)	TIN PLATED	P				
2	COVER	PA66 UL94V-0	ALL COLOR	1				
1	BODY	PA66 UL94V-0	ALL COLOR	1				
ITEM NAME OF PART MATERIAL NOTES								
DWG	WF. Zhang	DATE	2016.03.10	UNITS:	MM	SHEET:	1 OF 1	Tolerance
CHK.	WF. Zhang	DATE	2016.03.30	SCALE:	NONE 2.5:1 (.)	REV.:	A	$\pm 0.50$
APP.	Marvin Zhang	DATE	2016.03.30	TITLE:	MB-FR381 Series W/Flange			$\pm 0.30$
					"." Slot screw type			$\pm 0.10$
					PART NO. MBFR381XXXXXX			$\pm 1^{\circ}$
					DWG NO. MB-F381-B001			

△	DESCRIPTION	CHK.	DATE

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