

STANDARD SPECIFICATIONS	
PARAMETERS	VALUES
RING CONTACT MATERIAL	GOLD
BRUSH CONTACT MATERIAL	GOLD
NUMBER OF RINGS	24
HOUSING MATERIAL	ANODIZED ALUMINUM
OPERATING VOLTAGE	240 V(RMS)
OPERATING CURRENT	2 A/CIRCUIT
MAXIMUM FREQUENCY RESPONSE	100 BASE T
DC RESISTANCE BETWEEN THE ROTOR AND THE STATOR	160 MOHM
NOISE LEVEL	<100 MILLIOHMS@5 VDC
THE CROSSTALK BETWEEN RINGS	>40DB @ 500KHZ
LEAKAGE RESISTANCE	>1000 MEGAOHMS
CONTACT RESISTANCE	<100 MILLIOHMS (TYPICAL 50 MILLIOHMS)
R VARIATION DURING ROTATION	<10 MILLIOHMS (TYPICAL 1 MILLIOHM)
WIRE GAUGE	28 AWG, COPPER W/SILVER PLATING, TELFLON
START UP TORQUE	<0.01 NM
ROTATION SPEED	240 RPM
IP RATING	IP54 (SLIPRING) / IP 68 (FORJ)
WORKING TEMPERATURE	-40 TO 70 C
STORAGE TEMPERATURE	-50 TO 85 C
ESTIMATED LIFE CYCLE	>50 MILLION REVOLUTIONS/SLIPRING
	200-400 MILLION REVOLUTIONS/FORJ
JACKET TYPES	900um, 2mm, 3 mm, ARMOR
CONNECTOR TYPES	ST, FC, LC, SC (PC AND APC)

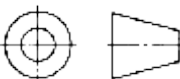
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UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN mm
DO NOT SCALE DRAWING

TOLERANCES:
ANGULAR: ± 1/2°
ONE PLACE DECIMAL ± 0.100
TWO PLACE DECIMAL ± 0.050
THREE PLACE DECIMAL ± 0.025

MATERIAL:

	DATE	NAME	PRINCETEL, INC.		
DRAWN	7/15/2019	L. X.			
CHECKED	7/15/2019	B. Z.	TITLE:		
ENG APPR.			SLIPRING, MJX FORJ		
MFG APPR.					
Q.A.			SIZE DWG. NO. REV		
COMMENTS: FIRST ANGLE PROJECTION					
			B	SRF24-MJX-AD	3
			PART NO. -		SHEET 1 OF 1