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STANDARD SPECIFICATIONS	
PARAMETERS	VALUES
RING CONTACT MATERIAL	GOLD
BRUSH CONTACT MATERIAL	GOLD
NUMBER OF RINGS	12
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	IP51 (SLIPRING) / IP68 (FORJ)
WORKING TEMPERATURE	-40 TO 65 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)

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:

DRAWN	DATE	NAME	PRINCETEL, INC.
CHECKED	7/15/2019	L. X.	
ENG APPR.		B. Z.	
MFG APPR.			
Q.A.			
COMMENTS: FIRST ANGLE PROJECTION			TITLE:
			SLIPRING, MJX FORJ
SIZE	DWG. NO.	REV	
B	SRG12-MJX-AD	3	
PART NO.	-	SHEET 1 OF 1	

