

MODEL NO. ER17P2S

MECHANICAL CHARACTERSTICS

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|-------------------------------|---|---|
| 1. Total Rotational Angle | : | $270^{\circ} + / - 5^{\circ}$ |
| 2. Rotational Torque | : | 10 – 100 gf . Cm |
| 3. Shaft Stopper Strength | : | 4 Kgf . Cm for 10 seconds |
| 4. Shat Push Pull Strength | : | 6Kgf minimum |
| 5. Switch Contact arrangement | ; | SPDT |
| 6. Bushing Mounting strength | : | 5K gf .Cm |
| 7. Rotational Life | : | 15,000 cycles |
| 8. Solderability | : | $300^{\circ} + / - 5^{\circ}$ C for 3+/-0.5 sec (for soldering iron) or
$260^{\circ} + / - 5^{\circ}$ C for 5 + / -0.5 sec (for Solder Bath) |

SWITCH SECTION

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|----------------------------|---|---------------------------------|
| 1. Switch Operating Life | : | 15,000 times with rated voltage |
| 2. Switch operating method | : | Push Type |
| 3. Switching Stroke | : | 3+ / - 0. 5mm |
| 4. Switch Operating Force | : | 2 Kgf . maximum |

ELECTRICAL CHARACTERISTIC

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|---------------------------------|---|--|
| 1. Total Resistance & Tolerance | : | 1K ohms – 1M ohm + / - 20 % |
| 2. Residual Resistance | : | $R > 250K$ 0.1% MAX . of total Resistance |
| 3. Resistance Taper | : | $250K > R > 10K$ 20 ohm Max
$10K \geq R \geq 10$ ohm Max
A . B . C |
| 4. Rated Power | : | B taper : 0 . 2w Other : 0 . 1w |
| 5. Rated Voltage | : | 250V DC |
| 6. Withstand Voltage | : | AC500V-1M1N between open switch Terminal. |
| 7. Noise | : | Less then 100MV |
| 8. Insulation Resistance | : | 100m ohm min . at DC 500V |

SWITCH SECTION

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|------------------------------|---|--|
| 1. Switch Rating | : | AC 250V 10A |
| 2. Switch Contact Resistance | : | Initial 20m ohm max . at DC 5V 1A
After Life Test 200m ohm max. |