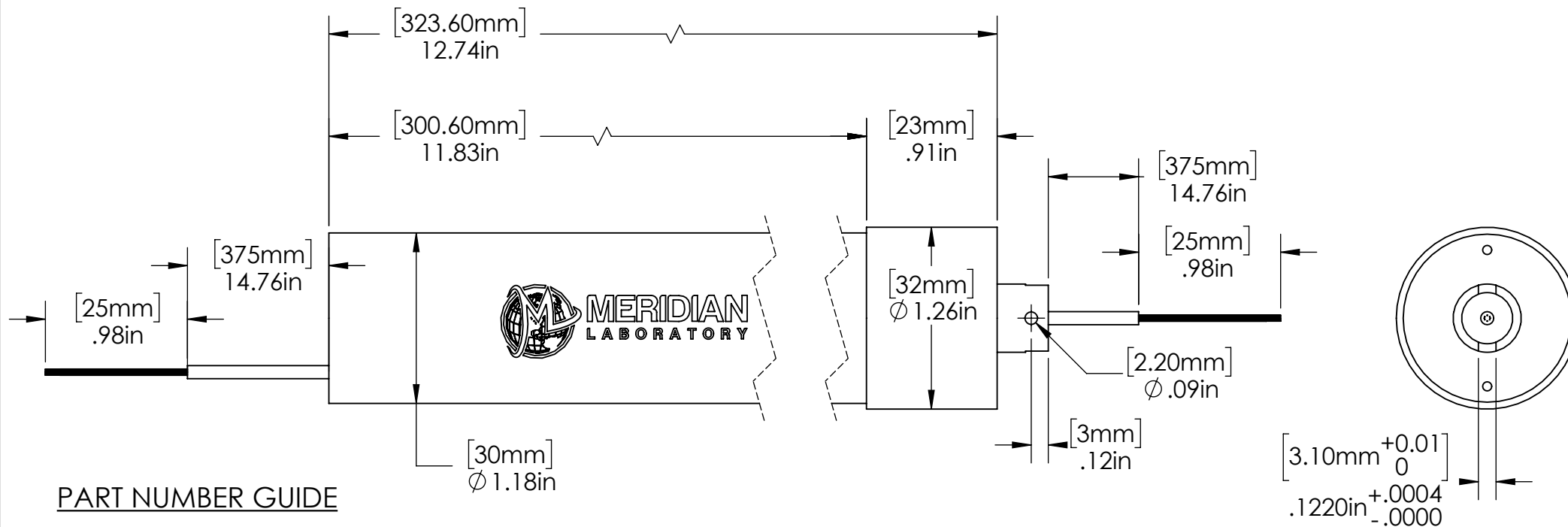
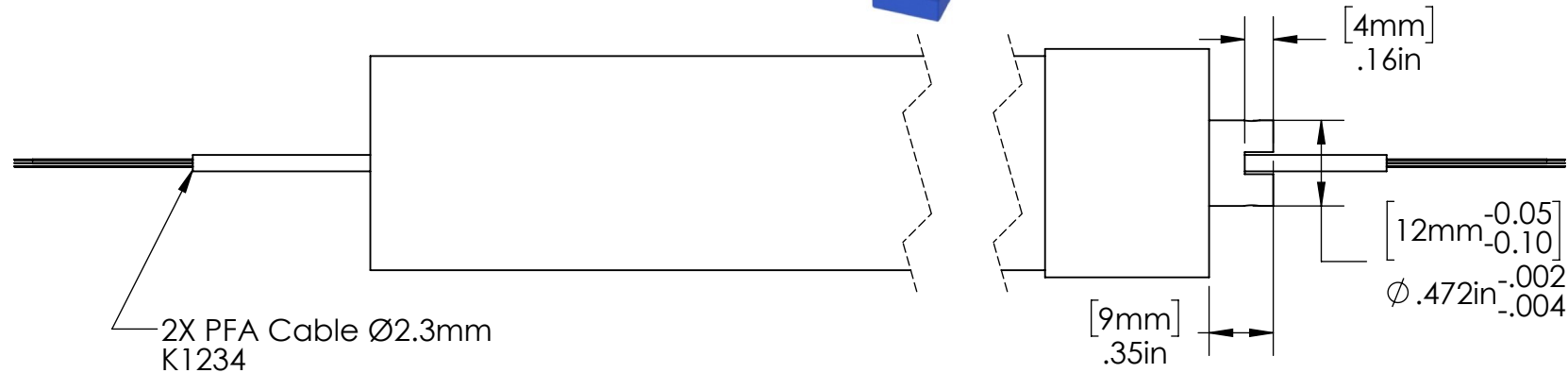


STANDARD MOUNTING BRACKETS
PART#: UHS-247
(NOT INCLUDED)



PART NUMBER GUIDE

UHS - 212 - _____

011 = 20,000 RPM
111 = 40,000 RPM

| WIRE CHART | |
|------------|-------------|
| CHANNEL | WIRE COLOR |
| 1 | GREEN |
| 2 | RED |
| 3 | BLUE |
| 4 | BLACK |
| 5 | TRANSPARENT |
| 6 | PINK |
| 7 | PURPLE |
| 8 | WHITE |
| 9 | BROWN |
| 10 | GREY |
| 11 | YELLOW |
| 12 | ORANGE |

| SPECIFICATIONS | |
|---|---|
| MODEL NO. | UHS-212-XXX |
| NUMBER OF CIRCUITS | 12 |
| DC CURRENT | 0.3 A (PER CONTACT) |
| AC CURRENT | FREQUENCY DEPENDENT, CONTACT MERIDIAN LABORATORY FOR RATING |
| VOLTAGE | 60 V |
| MAX CONTINUOUS RPM | UHS-212-111 = 40,000 UHS-212-011 = 20,000 |
| MIN. INSULATION RESISTANCE | >10G Ω |
| OPERATING TEMPERATURE | -25°C TO 60°C |
| HOUSING MATERIAL | ALUMINUM |
| SHAFT MATERIAL | STAINLESS STEEL |
| DYNAMIC RESISTANCE (UP TO 5000 RPM) | < 0.2 m Ω |
| THERMAL EMF (UP TO 40000 RPM) | 2 μ V |
| TOTAL NOISE (UP TO 40000 RPM) | 25 μ V (max. 50 μ V) |
| WEIGHT | 1.70 LBS (771 g) |
| (Specifications assume 100% duty cycle) | |

NOTES

- SPECIFICATIONS ARE NOT GUARANTEED WHILE IN AN ABSOLUTE MAXIMUM CONDITION
- THIS PRODUCT IS NOT GUARANTEED OUTSIDE OF ITS SPECIFICATIONS
- WHILE NOT IN OPERATION, THE UNIT SHOULD BE STORED HORIZONTALLY AND ROTATED MONTHLY.
- SHAFT AND BODY ENDS MUST NOT BOTH BE HARD MOUNTED TO ALLOW FOR SMALL NON-CONCENTRIC ROTATION.
- ENSURE PROPER STRAIN RELIEF IS PROVIDED AND SIGNIFICANT SIDE LOADING IS AVOIDED.
- PRODUCT DIMENSIONS AND SPECIFICATIONS ARE PROVIDED FOR REFERENCE ONLY, ARE NOT GUARANTEED, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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SCALE: 1:1

MERIDIAN LABORATORY

Rev

Title ROTOCON END OF SHAFT, ULTRA HIGH SPEED (12-CONTACT)

A

Drawn By
JCE

Date
03/12/2021

Model No.
UHS-212-XXX

SHEET 1 OF 1