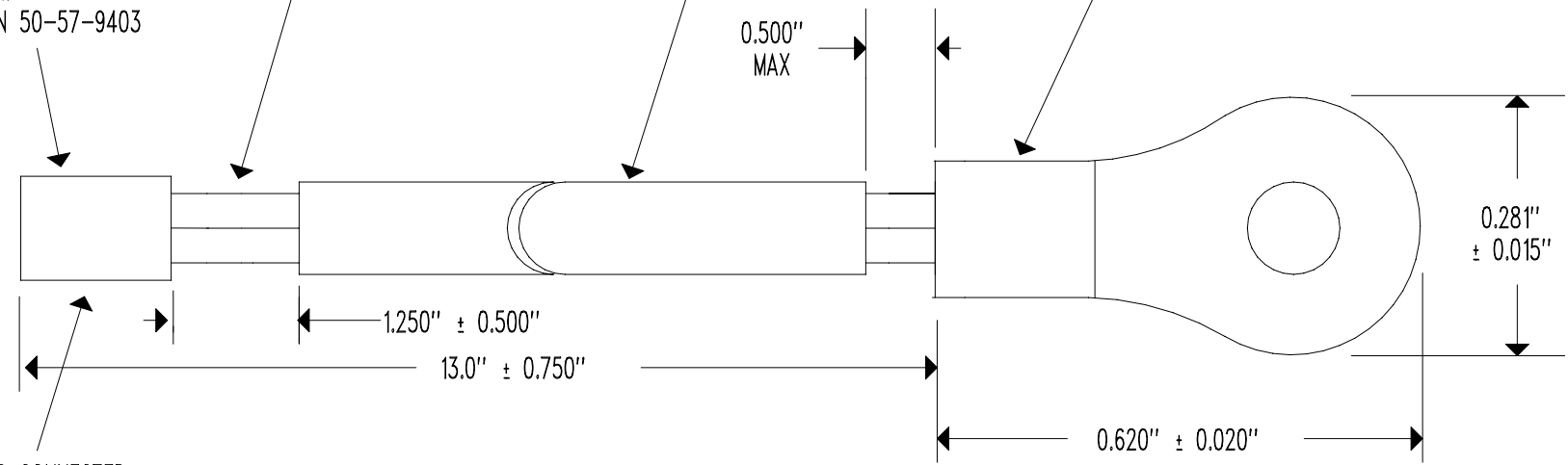


TERMINALS:  
MOLEX P/N 16-02-0103  
CONNECTOR:  
MOLEX P/N 50-57-9403

24 AWG, STRANDED CONDUCTOR,  
TWO CONDUCTOR,  
PVC INSULATED ZIPCORD

POLYOLEFIN SHRINK  
SLEEVING OVER ZIPCORD

THERMISTOR ELEMENT POTTED IN  
BARREL OF RING-LUG HOUSING  
(BARREL DIAMETER: 0.215" ± 0.015")



THERMISTOR CONNECTED  
TO POSITIONS #1 & #2

RESISTANCE @ +25°C = 10,000 Ω NOMINAL  
ACCURACY (+75 TO +85°C) = ± 1.0°C  
RESISTANCE/TEMPERATURE CURVE = "J"  
TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL  
BETA "β" (0 TO +50°C) = 3,892°K NOMINAL  
MAXIMUM TEMPERATURE RATING = +105°C

MOUNTING-HOLE DIAMETER = 0.120" NOMINAL  
MOUNTING-HOLE STUD-SIZE = #4

RING TONGUE STOCK THICKNESS = 0.040" NOMINAL

SEE MANUFACTURING SPECIFICATION (LAYER 1)

NONE	RELEASE TO PRODUCTION	04/03/18	DD
REV	REVISION RECORD	DATE	APP

SCALE	NONE	U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com THERMISTOR PROBE P/N USP19837
DRAWN BY	DAN DANKERT	
DATE	04/03/18	
REV.	NONE	
LAYER	0 OF 2	