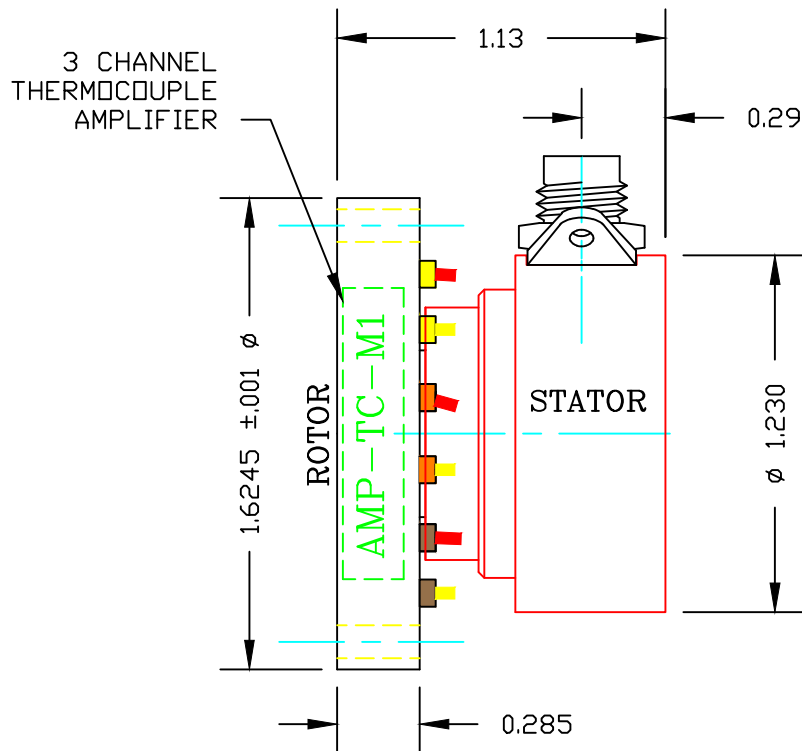


47898120

SLIP RING & 3 CHANNEL TC AMPLIFIER  
 MODEL: SHORT S6/X/TC3\*

DATE	BY	REVISION
3-17-08	KDL	Model replaced by S6-T-TC3*
2-17-17		connector returns, .025 longer
2-21-17		KDL 1.6245+/-0.001 rotor
1-23-24		KDL 24 AWG TC IS STANDARD

Replace the \* with thermocouple type, such as K, T or J.



THERMOCOUPLES  
 EXIT OUT OF  
 THESE COLORED  
 BUSHINGS:

CHANNEL 1  
 YELLOW

CHANNEL 2  
 ORANGE

CHANNEL 3  
 BROWN

ROTATION  
 RESTRAINT

MINIATURE  
 7 PIN  
 CONNECTOR

THERMOCOUPLES ARE  
 24 AWG STRANDED WIRE  
 12 INCHES LONG  
 (OTHER LENGTHS CAN BE SPECIFIED.)

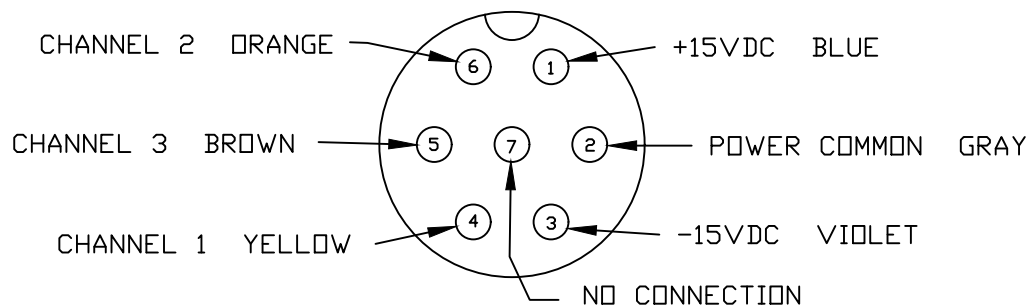
2 HOLES @ 180° ON 1.435 Ø  
 FOR 4-40 SOCKET HEAD  
 CAP SCREW CLEARANCE

UNITS WITH 24 AWG TC WIRES ARE STANDARD. THERMOCOUPLE TERMINALS  
 ARE A HIGHER COST ALTERNATIVE. TO SPECIFY TC TERMINALS, ADD 'T' TO  
 THE END OF THE PART NUMBER. FOR EXAMPLE: SHORT S6/X/TC3KT.

ALL DIMENSIONS IN INCHES  
 DESIGN MAY CHANGE WITHOUT NOTICE

AMPLIFIER FUNCTION AND CABLE WIRE COLORS:

FRONT VIEW OF MATING CONNECTOR



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TOLERANCES .xxxx ±---- .xxx ±--- .xx ±-- ANGLES ±'---	DESIGNED BY: KDL	DATE: 10-20-04	SCALE: 1:1
SURFACE FINISH ----RMS	DRAWN BY: KDL	TITLE: SHORT S6/X/TC3*	SHT OF SHTS: SIZE AH
DRAWING NO.: C213637A	CHECKED BY:	MATERIAL: METAL HOUSING	