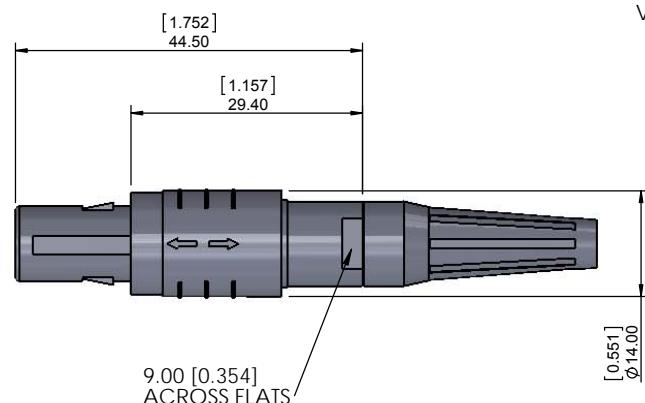


8P1P YYY 17B YL YY 1

SERIES 14.00 [0.551]  
 # OF POSITIONS (Ex. 002)  
 \*\*SEE CHART A\*\*  
 1 = MALE  
 CABLE MOUNT

1 = GOLD FLASH  
 COLLET SIZE  
 \*\*SEE CHART B\*\*  
 RoHS COMPLIANT



BOOT COLOR  
 G = GREY  
 A = BLUE  
 J = YELLOW  
 N = BLACK  
 R = RED  
 V = GREEN

## CHARACTERISTICS

## MATERIALS

HOUSING : ABS+PC  
 HOUSING COLOR : GREY  
 BOOT/SLEEVE : THERMOPLASTIC POLYURETHANE  
 CONTACTS : COPPER ALLOY  
 CONTACT PLATING : 7 $\mu$  GOLD PLATED OVER 196 $\mu$  NICKEL MIN.  
 INSULATOR : PPS (HIGH TEMPERATURE)

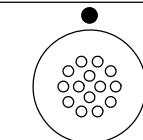
## MECHANICAL

DURABILITY: 2000 CYCLES  
 OPERATING TEMP. RANGE: -20 °C ~ +120 °C  
 PROCESS TEMPERATURE: 260 °C FOR 5 SECONDS  
 MAX. TORQUE VALUE: 0.5Nm [4.4 IN/LBS]

IP RATING: 50

## CHART B

COLLET SIZE	WIRE DIAMETER
42	2.20 [0.087] ~ 4.00 [0.157]
52	4.00 [0.157] ~ 5.00 [0.197]
62	5.00 [0.197] ~ 6.00 [0.236]



14 POSITION  
 26 AWG MAX.  
 3 AMP MAX.  
 PIN  $\varnothing$  = 0.50 [0.020]

CONTACT  
 RESISTANCE = 10 m $\Omega$   
 TEST VOLTAGE = 600V  
 WORKING VOLTAGE = 333V

## CHART A

● = KEY LOCATION

2 POSITION 22 AWG MAX. 10 AMP MAX. PIN $\varnothing$ = 1.30 [0.051]  CONTACT RESISTANCE = 5 m $\Omega$ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	3 POSITION 22 AWG MAX. 10 AMP MAX. PIN $\varnothing$ = 1.30 [0.051]  CONTACT RESISTANCE = 5 m $\Omega$ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	4 POSITION 22 AWG MAX. 8 AMP MAX. PIN $\varnothing$ = 0.90 [0.035]  CONTACT RESISTANCE = 6 m $\Omega$ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	5 POSITION 22 AWG MAX. 8 AMP MAX. PIN $\varnothing$ = 0.90 [0.035]  CONTACT RESISTANCE = 6 m $\Omega$ TEST VOLTAGE = 1100V WORKING VOLTAGE = 500V	6 POSITION 24 AWG MAX. 6 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 1000V WORKING VOLTAGE = 450V	7 POSITION 24 AWG MAX. 6 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 1000V WORKING VOLTAGE = 450V	8 POSITION 24 AWG MAX. 5 AMP MAX. PIN $\varnothing$ = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 m $\Omega$ TEST VOLTAGE = 875V WORKING VOLTAGE = 400V	9 POSITION 26 AWG MAX. 3 AMP MAX. PIN $\varnothing$ = 0.50 [0.020]  CONTACT RESISTANCE = 10 m $\Omega$ TEST VOLTAGE = 600V WORKING VOLTAGE = 333V	10 POSITION 26 AWG MAX. 3 AMP MAX. PIN $\varnothing$ = 0.50 [0.020]  CONTACT RESISTANCE = 10 m $\Omega$ TEST VOLTAGE = 600V WORKING VOLTAGE = 333V

## RoHS COMPLIANT



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DRAWN: M. SIGMON DATE: 10-04-16 SCALE: N.T.S. SHEET 1 OF 1 REV: 1  
 CHECKED: DATE: DWG NO. 8P1PYYY17BYLYY1