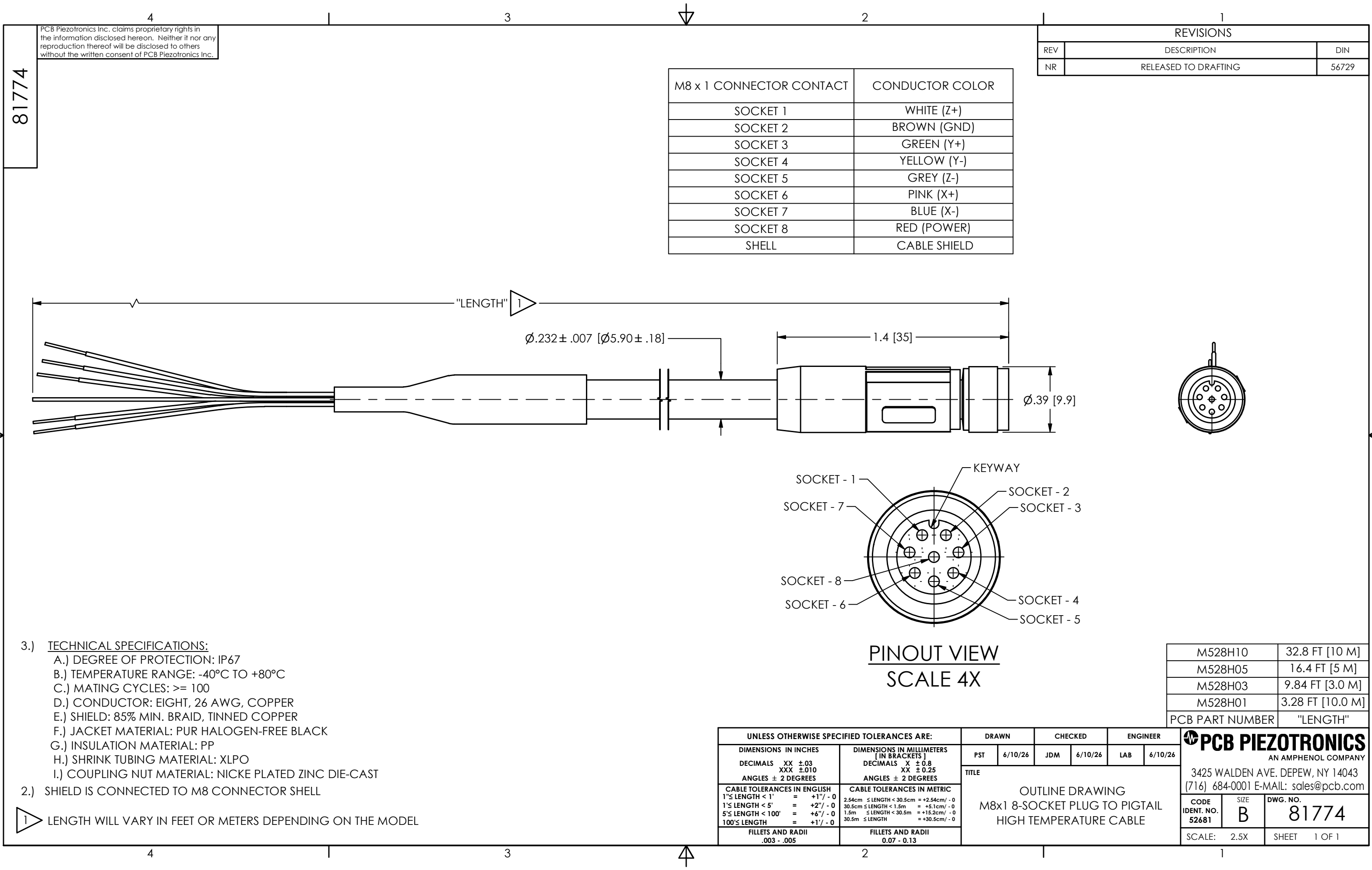


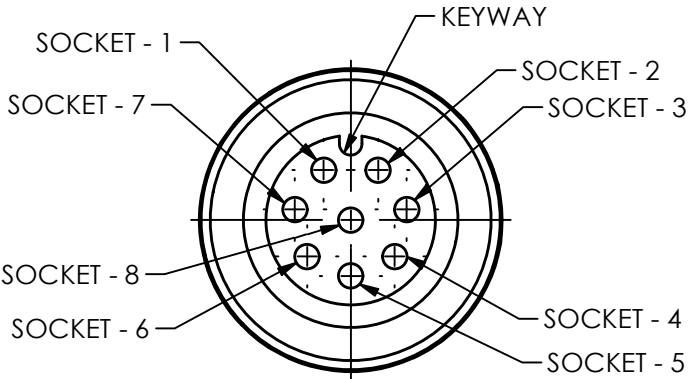
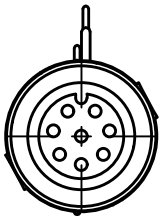
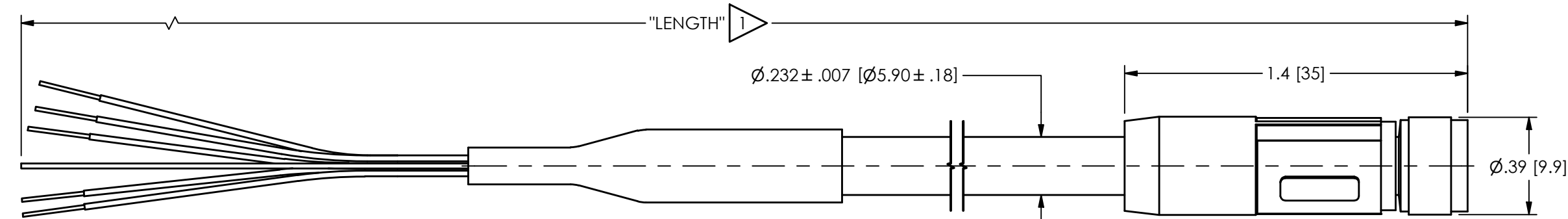


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REVISIONS

REV	DESCRIPTION	DIN
NR	RELEASED TO DRAFTING	56729

M8 x 1 CONNECTOR CONTACT	CONDUCTOR COLOR
SOCKET 1	WHITE (Z+)
SOCKET 2	BROWN (GND)
SOCKET 3	GREEN (Y+)
SOCKET 4	YELLOW (Y-)
SOCKET 5	GREY (Z-)
SOCKET 6	PINK (X+)
SOCKET 7	BLUE (X-)
SOCKET 8	RED (POWER)
SHELL	CABLE SHIELD



PINOUT VIEW
SCALE 4X

- 3.) TECHNICAL SPECIFICATIONS:
- A.) DEGREE OF PROTECTION: IP67
 - B.) TEMPERATURE RANGE: -40°C TO +80°C
 - C.) MATING CYCLES: >= 100
 - D.) CONDUCTOR: EIGHT, 26 AWG, COPPER
 - E.) SHIELD: 85% MIN. BRAID, TINNED COPPER
 - F.) JACKET MATERIAL: PUR HALOGEN-FREE BLACK
 - G.) INSULATION MATERIAL: PP
 - H.) SHRINK TUBING MATERIAL: XLPO
 - I.) COUPLING NUT MATERIAL: NICKE PLATED ZINC DIE-CAST

2.) SHIELD IS CONNECTED TO M8 CONNECTOR SHELL

1) LENGTH WILL VARY IN FEET OR METERS DEPENDING ON THE MODEL

M528H10	32.8 FT [10 M]
M528H05	16.4 FT [5 M]
M528H03	9.84 FT [3.0 M]
M528H01	3.28 FT [10.0 M]
PCB PART NUMBER	"LENGTH"

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER	
DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]	PST	6/10/26	JDM	6/10/26	LAB	6/10/26
DECIMALS XX ±.03 XXX ±.010	DECIMALS X ± 0.8 XX ± 0.25	TITLE					
ANGLES ± 2 DEGREES	ANGLES ± 2 DEGREES	OUTLINE DRAWING M8x1 8-SOCKET PLUG TO PIGTAIL HIGH TEMPERATURE CABLE					
CABLE TOLERANCES IN ENGLISH	CABLE TOLERANCES IN METRIC						
1"≤ LENGTH < 1' = +1" / - 0	2.54cm ≤ LENGTH < 30.5cm = +2.54cm / - 0						
1'≤ LENGTH < 5' = +2" / - 0	30.5cm ≤ LENGTH < 1.5m = +5.1cm / - 0						
5'≤ LENGTH < 100' = +6" / - 0	1.5m ≤ LENGTH < 30.5m = +15.2cm / - 0						
100'≤ LENGTH = +1' / - 0	30.5m ≤ LENGTH = +30.5cm / - 0						
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13						

PCB PIEZOTRONICS AN AMPHENOL COMPANY		
3425 WALDEN AVE. DEPEW, NY 14043 (716) 684-0001 E-MAIL: sales@pcb.com		
CODE IDENT. NO. 52681	SIZE B	DWG. NO. 81774
SCALE: 2.5X	SHEET 1 OF 1	