

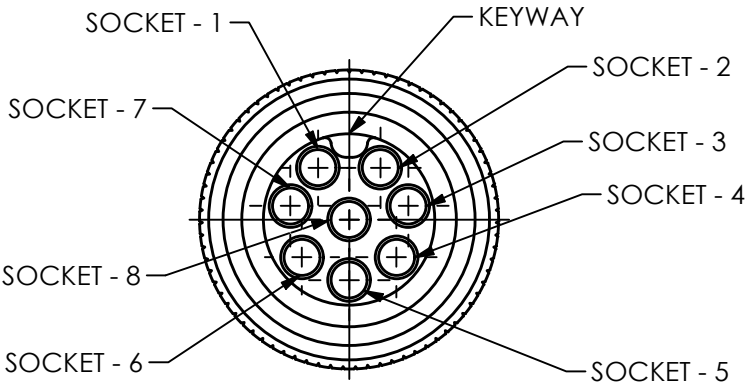
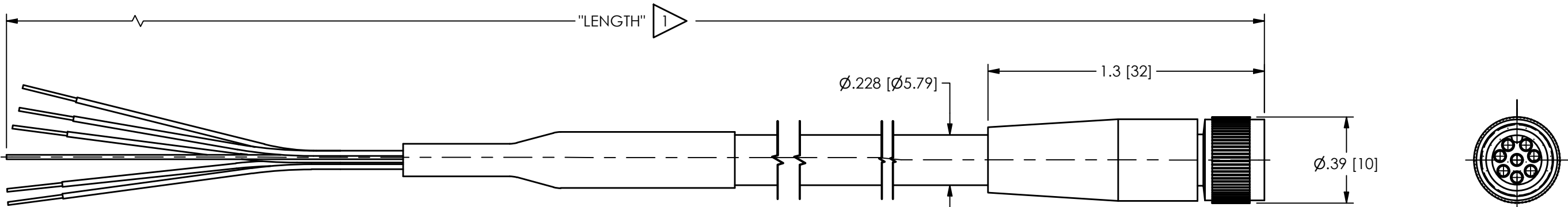
79037

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REVISIONS

REV	DESCRIPTION	DIN
A	.228 DIA WAS .154	55596

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



DETAIL A
SCALE 4X

- 3.) TECHNICAL SPECIFICATIONS:
- A.) DEGREE OF PROTECTION: IP67
 - B.) TEMPERATURE RANGE: -40°C TO +120°C
 - C.) MATING CYCLES: >= 500
 - D.) CONDUCTOR: EIGHT, 26 AWG
 - E.) SHIELD: ALUMINUM/POLYESTER & BRAID

2.) SHIELD IS CONNECTED TO M8 CONNECTOR SHELL

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

528G50	50 FT [15.24 m]
528G30	30 FT [9.144 m]
528G20	20 FT [6.096 m]
528G10	10 FT [3.048 m]
528G05	5 FT [1.524 m]
PCB PART NUMBER	"LENGTH"

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER		 PCB PIEZOTRONICS AN AMPHENOL COMPANY 3425 WALDEN AVE. DEPEW, NY 14043 (716) 684-0001 E-MAIL: sales@pcb.com		
DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS (IN BRACKETS)	PST	1/28/25	JDM	1/28/25	JJD	1/28/25			
DECIMALS XX ±.03 XXX ±.010 ANGLES ± 2 DEGREES	DECIMALS X ± 0.8 XX ± 0.25 ANGLES ± 2 DEGREES	TITLE OUTLINE DRAWING M8x1 8-SOCKET PLUG TO PIGTAIL HIGH TEMPERATURE CABLE								
CABLE TOLERANCES IN ENGLISH 1"≤ LENGTH < 1' = +1"/ - 0 1'≤ LENGTH < 5' = +2"/ - 0 5'≤ LENGTH < 100' = +6"/ - 0 100'≤ LENGTH = +1'/ - 0	CABLE TOLERANCES IN METRIC 2.54cm ≤ LENGTH < 30.5cm = +2.54cm/ - 0 30.5cm ≤ LENGTH < 1.5m = +5.1cm/ - 0 1.5m ≤ LENGTH < 30.5m = +15.2cm/ - 0 30.5m ≤ LENGTH = +30.5cm/ - 0									
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13									
		CODE IDENT. NO. 52681		SIZE B		DWG. NO. 79037		SCALE: 2.5X SHEET 1 OF 1		