

MATERIAL and FINISH

Insulator: Nylon 66 - UL94V2

Contact: Brass

Plating: Tin

SPECIFICATIONS

Current rating: 11.0 A per contact

Voltage rating: 600 V AC/DC

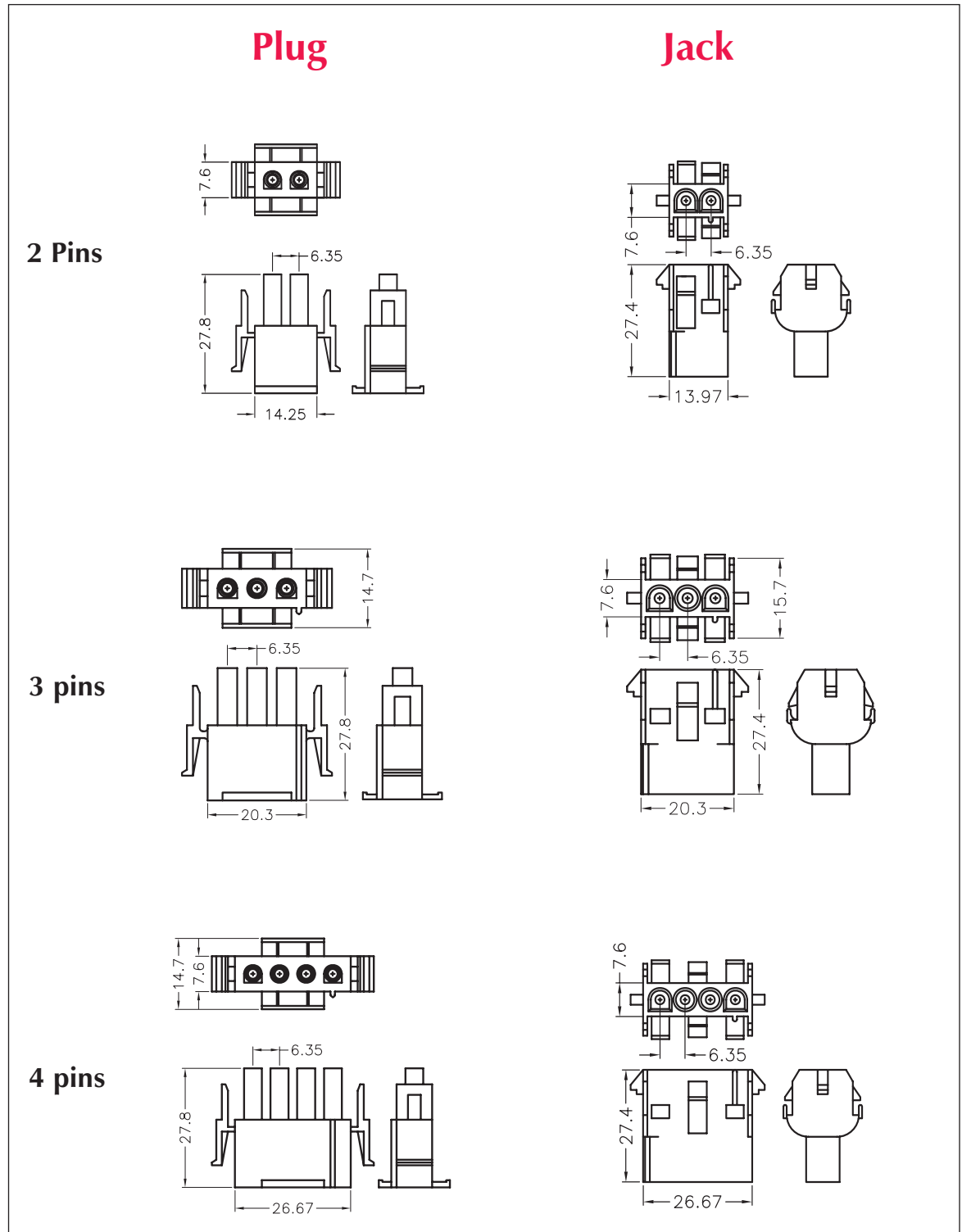
Dielectric withstanding voltage: 5000V AC

Insulation resistance: 1000 M Ω Min

Contact resistance: 20m Ω Max

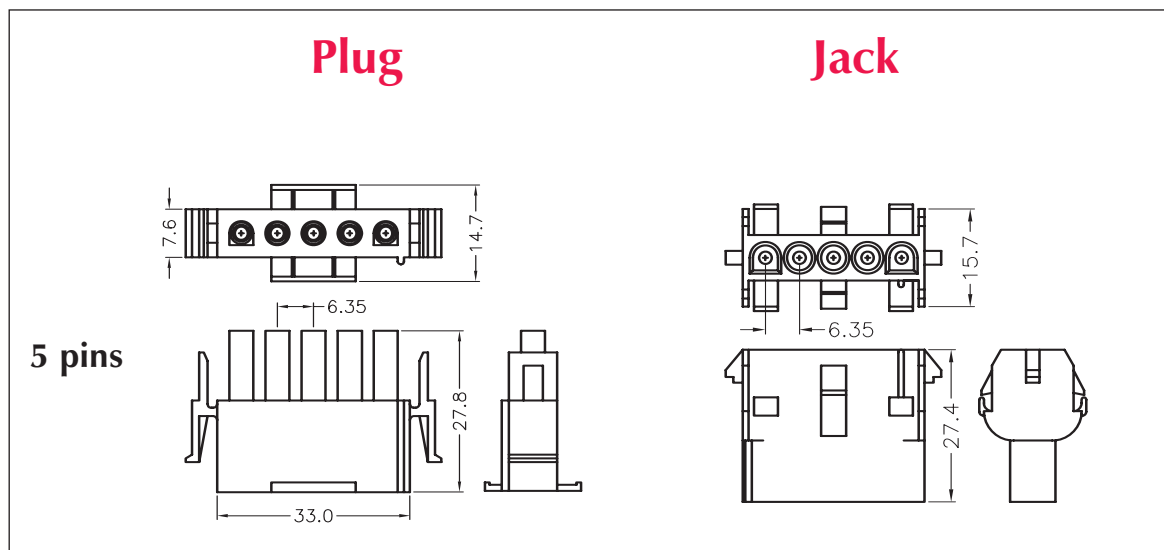
Temperature range: Plug & Jack -55°C to $+105^{\circ}\text{C}$ – Terminal -55°C to $+105^{\circ}\text{C}$

1 Row

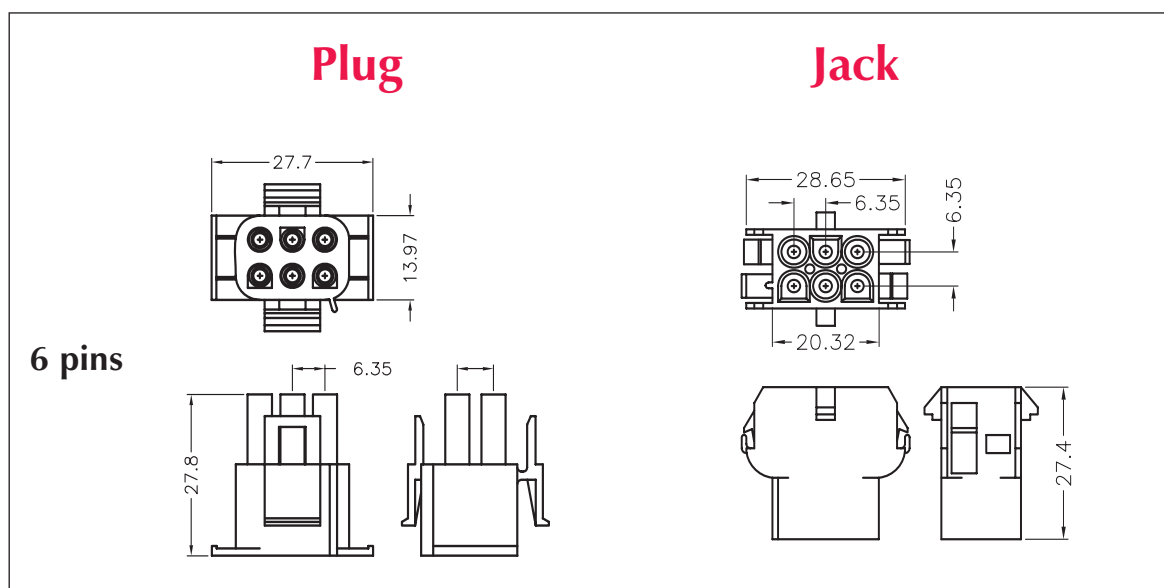


Unit: mm

1 Row

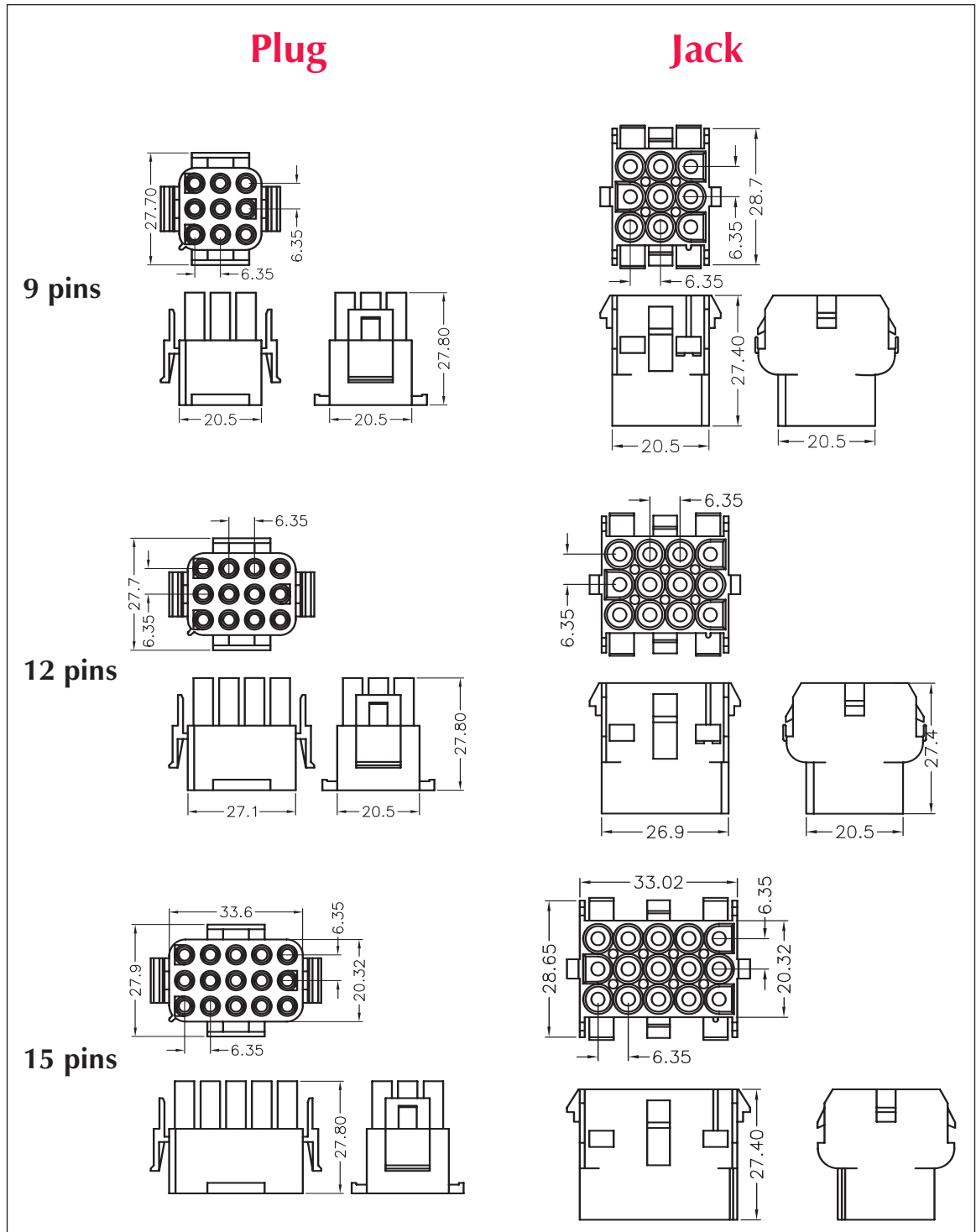


2 Rows



Unit: mm

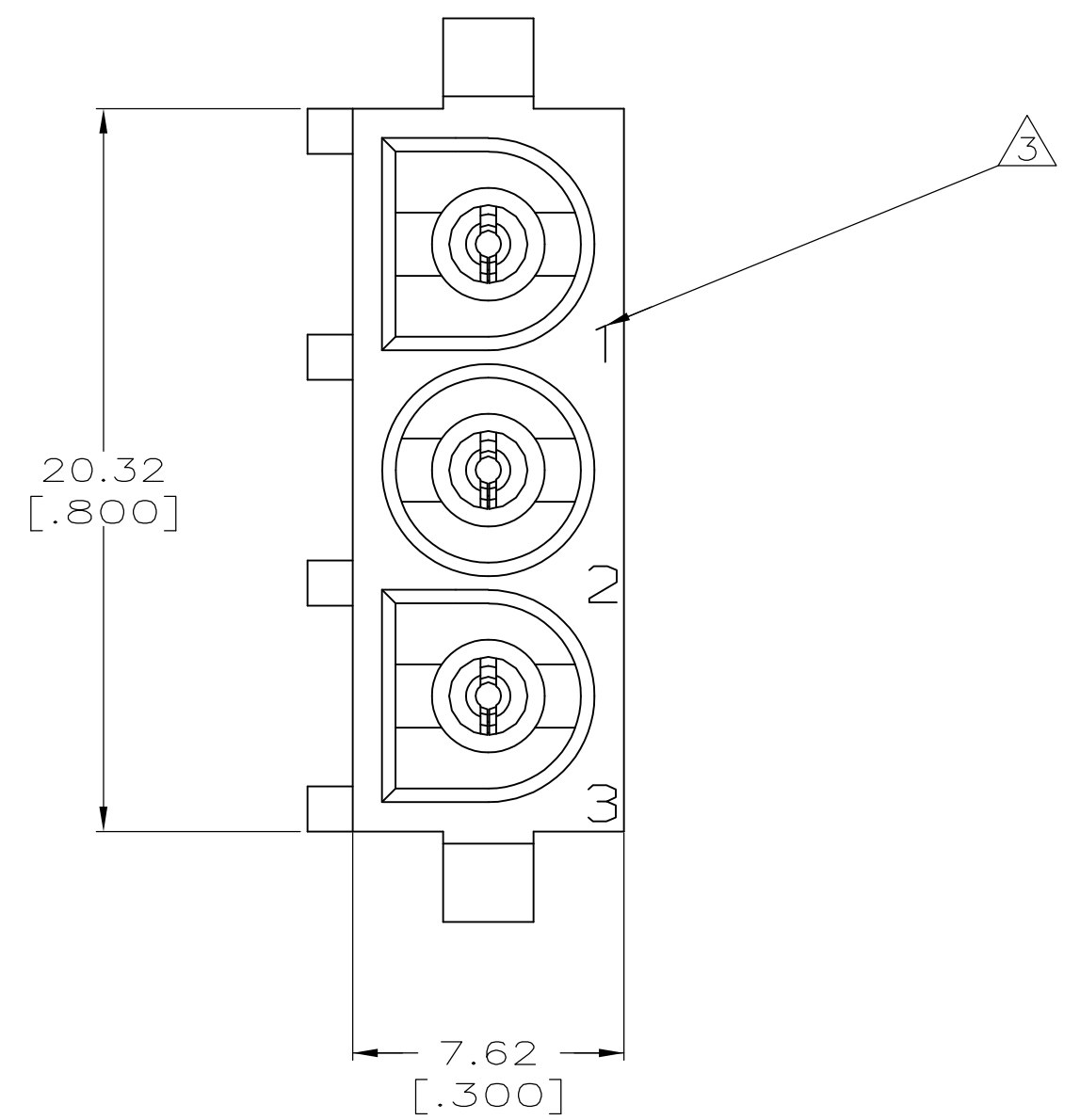
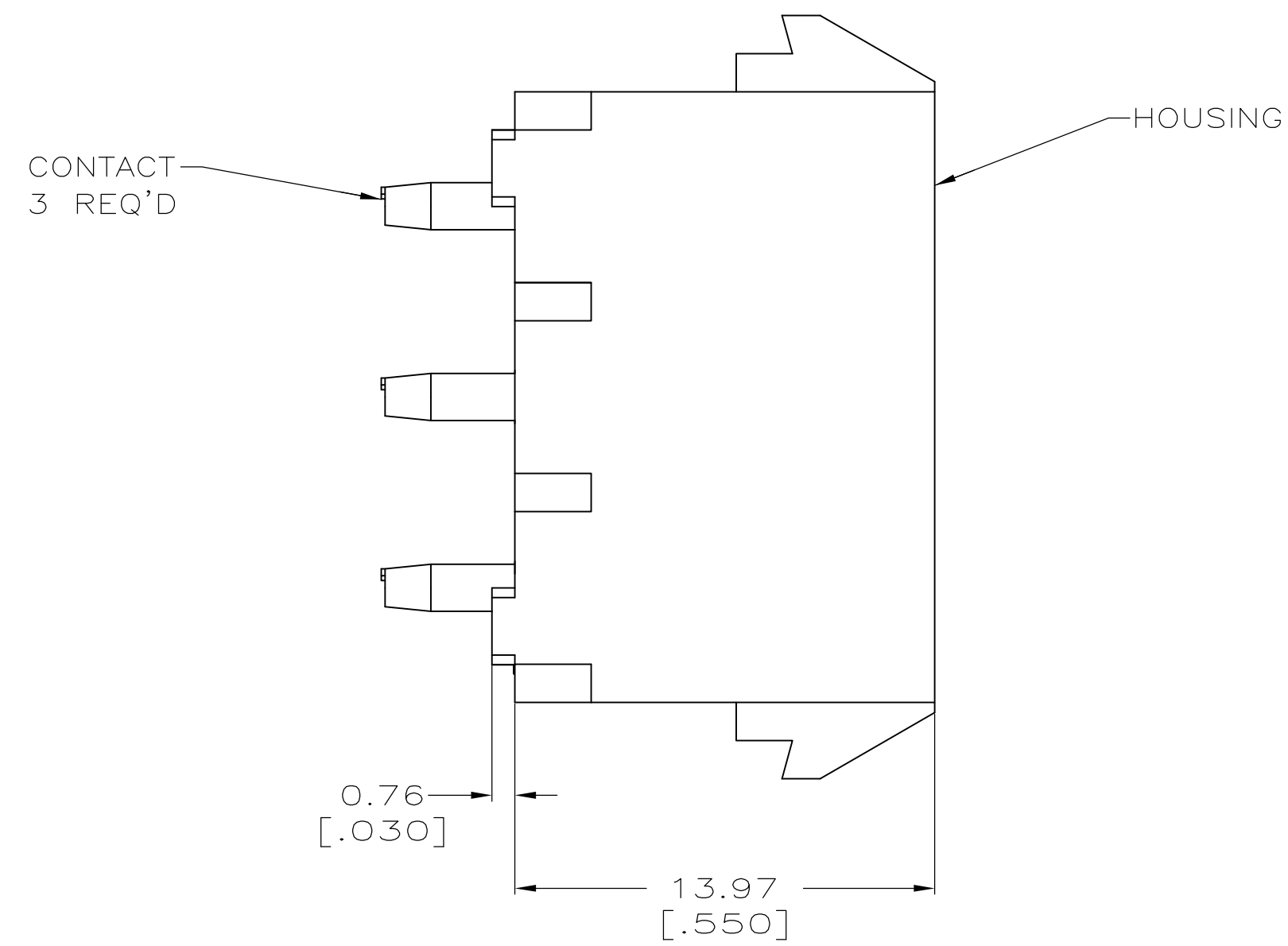
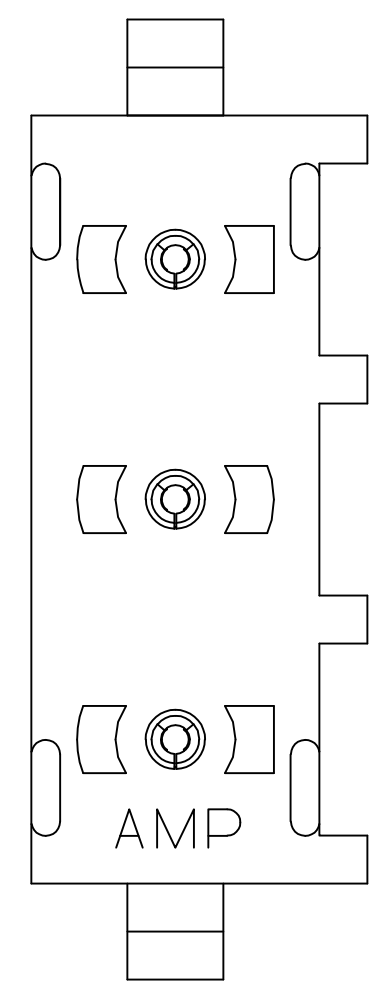
3 Rows



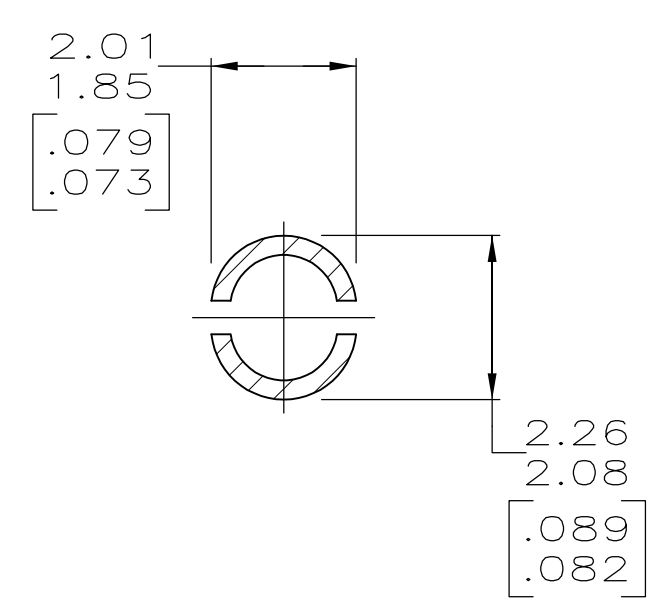
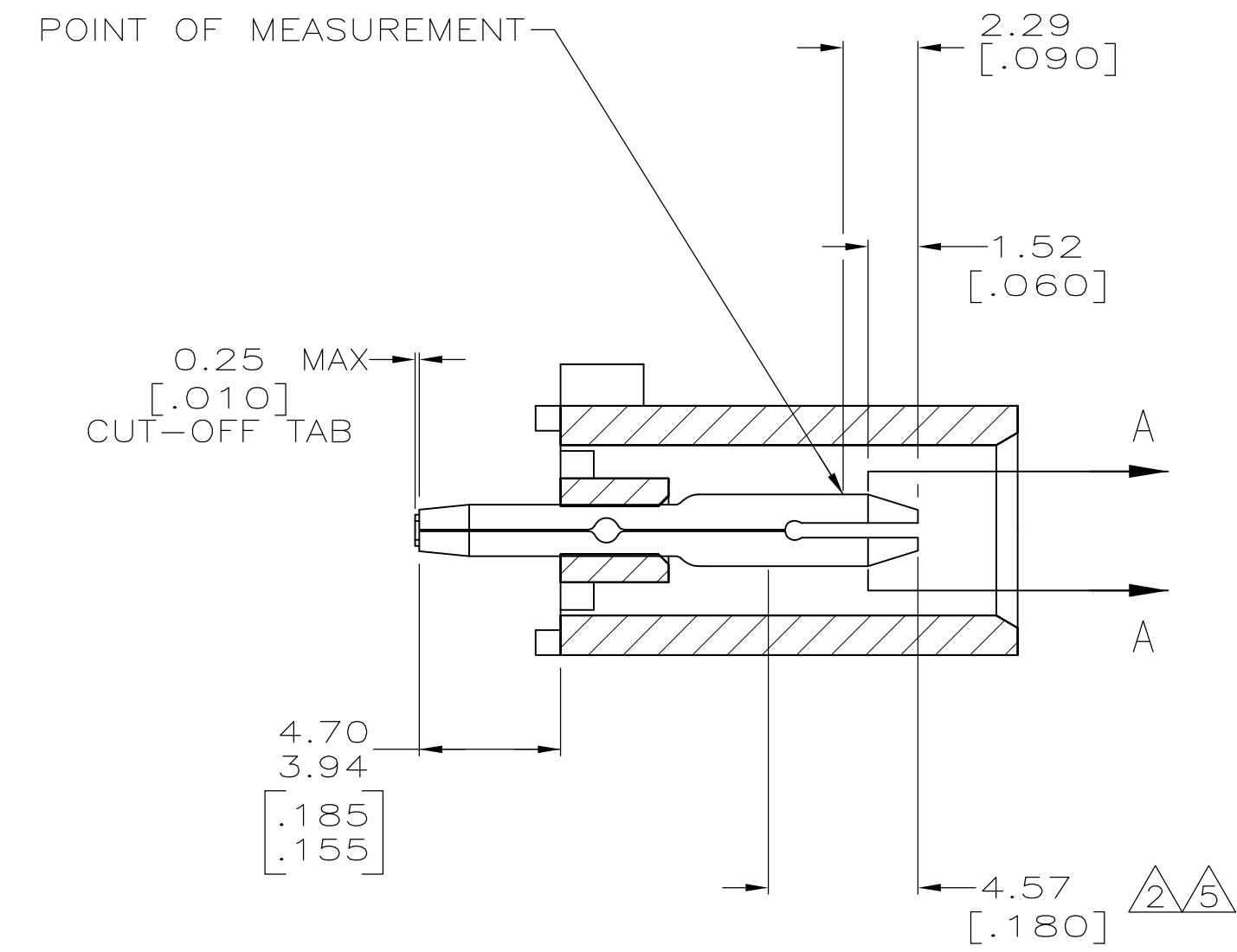
Terminal

AWG 16 to AWG 20
AWG 18 to AWG 22

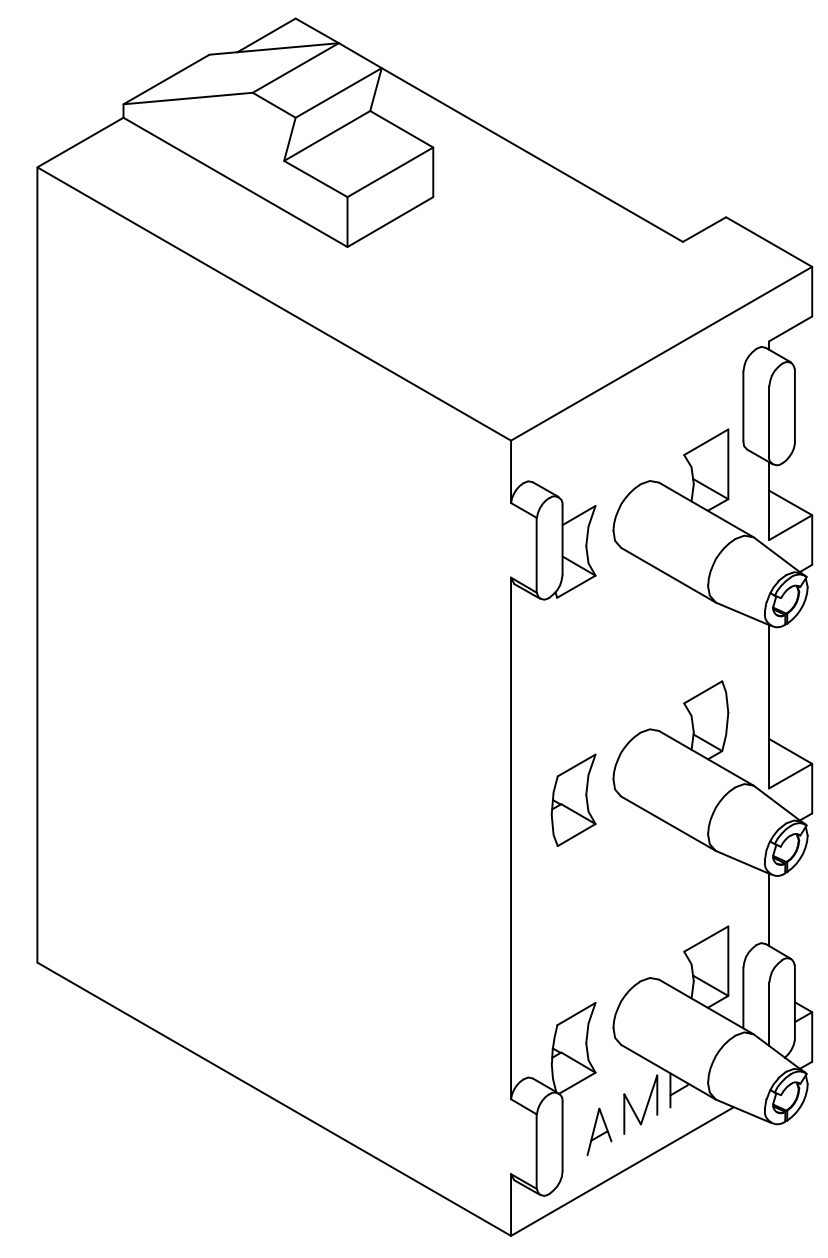
Unit: mm



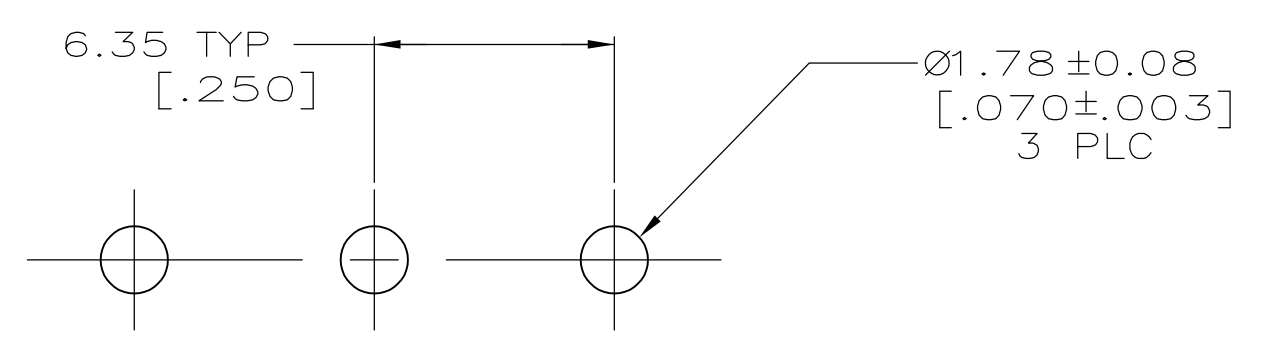
- 1 PARTS COMPLY TO AMP SOLDERABILITY SPECIFICATION 109-11-3.
- 2 CONTACT IS PLATED OVERALL WITH 0.00127 [.000050] NICKEL, THEN 0.00076 [.000030] GOLD OVER CONTACT LENGTH INDICATED AND MATTE TIN LEAD ON SOLDER TAIL END.
- 3 CIRCUIT IDENTIFICATION CHARACTERS ARE ADJACENT TO THE INDICATED CAVITIES, BUT LOCATION AND ORIENTATION MAY DIFFER FROM PRINT.
- 4 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 5 CONTACT IS PLATED OVERALL WITH 0.00127 [.000050] NICKEL, THEN 0.00076 [.000030] GOLD OVER CONTACT LENGTH INDICATED AND MATTE TIN ON SOLDER TAIL END.
- 6 SUPERSEDED BY 350429-4



SECTION A-A
SCALE 10:1



3-DIMENSIONAL MODEL
NTS



RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.57 [.062] THICK P.C. BOARD

6	PHOSPHOR BRONZE, GOLD 5		NYLON, UL94V-2,NATURAL		350429-4
	PHOSPHOR BRONZE, GOLD 2		NYLON, UL94V-2,NATURAL		350429-2
	PHOSPHOR BRONZE, PRE-TIN		NYLON, UL94V-2,NATURAL		350429-1
PIN CONTACT MATERIAL AND FINISH			HOUSING MATERIAL		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN B. LEWIS 8-19-98		 TE Connectivity	
DIMENSIONS: mm [INCHES]			CHK R. SWING 8-19-98			
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD M. TRULL 8-19-98		NAME	
			PRODUCT SPEC		PIN HEADER ASSEMBLY, 3 CIRCUIT UNIVERSAL MATE-N-LOK™	
			—			
			APPLICATION SPEC			
			—			
MATERIAL SEE TABLE			FINISH SEE TABLE		WEIGHT —	
			CUSTOMER DRAWING		SIZE A1	
					CAGE CODE 00779	
					DRAWING NO C=350429	
					RESTRICTED TO —	
					SCALE 5:1	
					SHEET 1 OF 1	
					REV Y2	

