

**High Temperature Right Angle,  
Board Mount Connectors Front Metal Shell**

**SPECIFICATIONS:**

**MATERIALS AND PLATINGS**

Shells	Steel/nickel plated
Contacts	Precision formed copper alloy
Contact Plating	Gold over nickel
Process Compatibility	IR - air convection: 500° F (260°) for 20 seconds

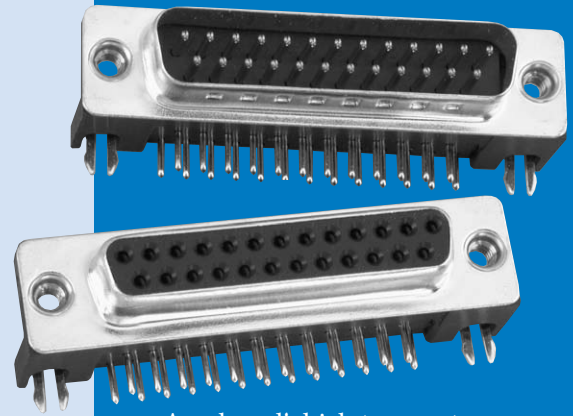
**ELECTRICAL DATA**

Current Rating	5 amps
Voltage Rating	600 V
Dielectric	Glass filled thermoplastic, black, UL 94 VO
Contact Resistance	10 milliohms (max.)

**CLIMATIC DATA**

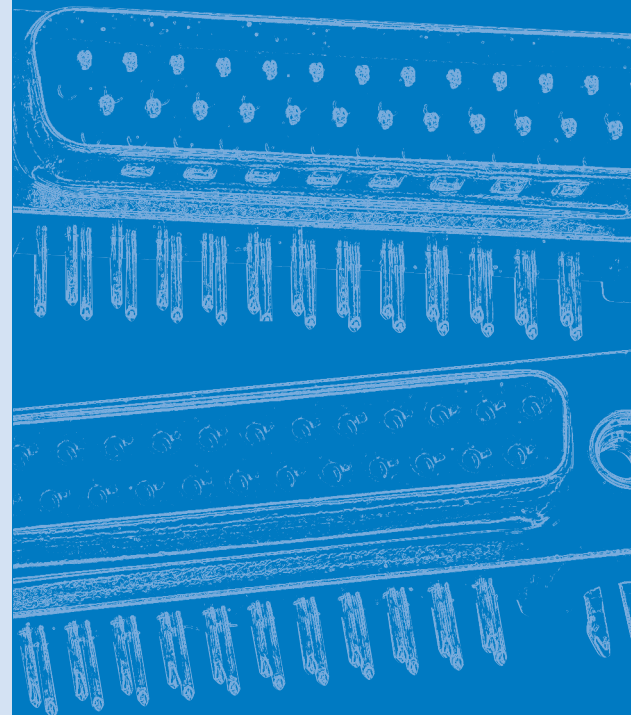
Temperature Range	Environmental: -67°F (-55°C) to 257°F (125°C)
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**17 HTN SERIES**



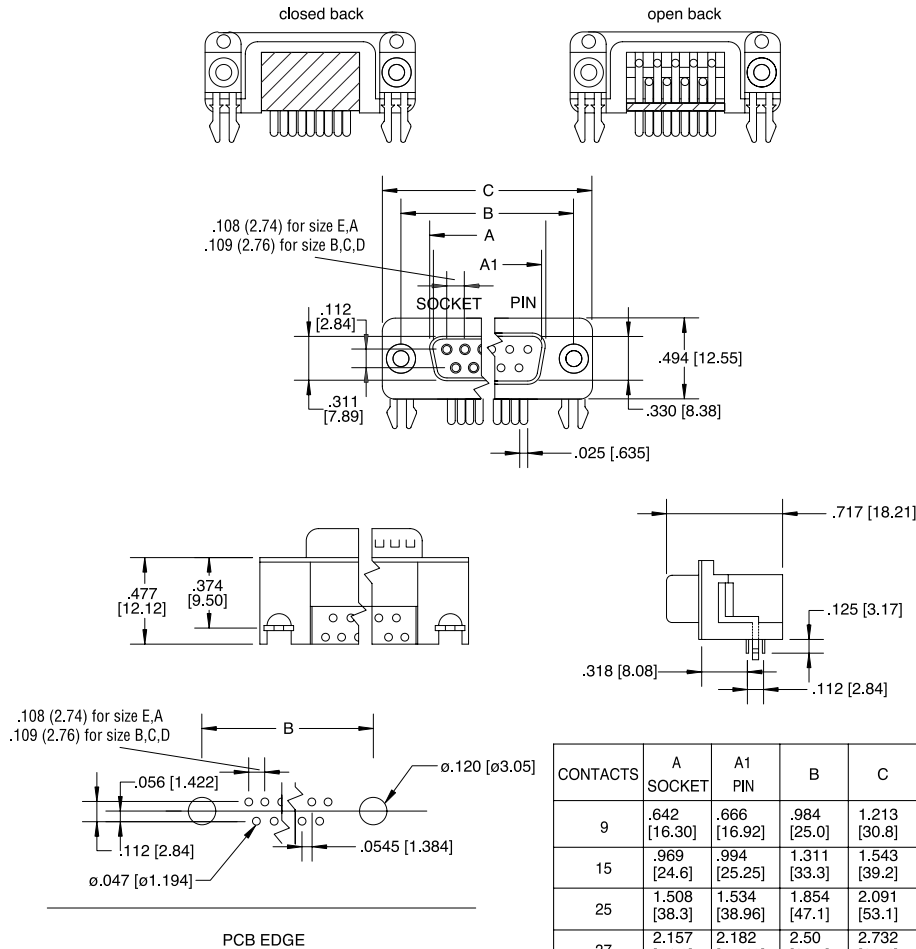
Amphenol's high temperature series meets the market demand for connectors that can withstand the high temperature soldering process. These connectors are compatible with surface-mount, infrared reflow soldering process.

17HTN Series right-angle connectors are available in 9, 15, 25 and 37 positions.



INCHES (MM)

DIMENSIONS



ORDERING INFORMATION

17HTN - X - X - XX - X - C - X

<b>Series</b>	17HTN	<b>Code</b>	<b>Back Configuration</b>
<b>Code</b>	<b>Number of contacts</b>	Blank	Closed back
E	9	O	Open back
A	15	<b>Code</b>	<b>Packaging</b>
B	25	C	Cartons
C	37	<b>Code</b>	<b>Contact Plating</b>
<b>Code</b>	<b>Contact</b>	0	3µ" (.07µm) flash gold terminal end area 100µ"/200µ" (2.54µm/5.08µm) -tin/lead, underplate of 50µ" (1.27µm) nickel
P	Pin (male)	1	Engagement area 10µ" (.25µm) gold, terminal end area 100µ"/200µ" (2.54µm/5.08µm) -tin/lead, underplate of 50µ" (1.27µm) nickel
S	Socket	2	Engagement area 30µ" (.76µm) gold, terminal end area 100µ"/200µ" (2.54µm/5.08µm) -tin/lead, underplate of 50µ" (1.27µm) nickel
<b>Code</b>	<b>Panel Mounting Options</b>	3	15µ" (.38µm) terminal end area 100µ"/200µ" (2.54µm/5.08µm) -tin/lead, underplate of 50µ" (1.27µm) nickel
4R	#4-40 Threaded hole		
4F	#4-40 Female screwlocks		