



# SERIES GHTM WELL-MASTER 260° Downhole Micro-D Connector



GHTM right angle printed circuit board headers

## GHTM RIGHT ANGLE PRINTED CIRCUIT BOARD HEADERS



GHTM Well-Master® 260° right angle PCB Micro-D connectors withstand +260°C continuous operating temperature. These .050" pitch Micro-D connectors have .020 inch diameter (0.51mm) gold-plated PC terminals. Terminal spacing is .100 inch by .075 inch (2.54 by 1.91mm). Pin contacts are gold-plated high performance twistpin type and are recessed into insulator to prevent damage. Special nickel alloy contact material resists softening in high heat. Machined passivated stainless steel shell with integral jackpost. Glass-filled high temperature LCP thermoplastic insulators to withstand soldering heat. Meets performance requirements of MIL-DTL-83513. Available with 9 to 51 contacts. 3 A., 600 Vac, -55°C to +260°C.

How To Order						
<b>Sample Part Number</b>		<b>GHTM</b>	<b>-25</b>	<b>P</b>	<b>RA</b>	<b>P -110</b>
<b>Series</b>	<b>GHTM</b> Glenair High Temperature Micro-D					
<b>Shell Size</b>	<b>9, 15, 21, 25, 31, 37, 51</b> See the Thru-Hole and Jackscrew Dimensions Table or Integral Jackpost Dimensions Table					
<b>Gender</b>	<b>P</b> = Pin/Plug <b>S</b> = Socket/Receptacle					
<b>Termination Type</b>	<b>RA</b> = Right Angle Board Mount					
<b>Mounting Hardware</b>	<b>P</b> - Integral Jackpost; See Mounting Hardware Table					
<b>Terminal Length</b>	All lengths ±.015 (.38) <b>.080, .110, .125, .140, .150, .175, .190, .205</b>					

Dimensions for Plug (Pin) Connector								
Layout	A Max.	B ± .003	C Max.	D	E Max.	F Max.	G	H Max.
<b>9P</b>	.785 (19.94)	.565 (14.35)	.290 (7.37)	.181 (4.60)	.134 (3.40)	.648 (16.46)	.420 (10.67)	.215 (5.46)
<b>15P</b>	.935 (23.75)	.715 (18.16)	.440 (11.18)	.331 (8.41)	.134 (3.40)	.648 (16.46)	.570 (14.48)	.215 (5.46)
<b>21P</b>	1.085 (27.56)	.865 (21.97)	.590 (14.99)	.481 (12.22)	.134 (3.40)	.648 (16.46)	.720 (18.29)	.215 (5.46)
<b>25P</b>	1.185 (30.10)	.965 (24.51)	.690 (17.53)	.581 (14.76)	.134 (3.40)	.648 (16.46)	.820 (20.83)	.215 (5.46)
<b>31P</b>	1.335 (33.91)	1.115 (28.32)	.840 (21.34)	.731 (18.57)	.134 (3.40)	.648 (16.46)	.970 (24.64)	.215 (5.46)
<b>37P</b>	1.485 (37.72)	1.265 (32.13)	.990 (25.15)	.881 (22.38)	.134 (3.40)	.648 (16.46)	1.120 (28.45)	.215 (5.46)
<b>51P</b>	1.435 (36.45)	1.215 (30.86)	.940 (23.88)	.831 (21.11)	.178 (4.52)	.798 (20.27)	1.07 (27.18)	.258 (6.55)

Dimensions for Receptacle (Socket) Connector							
Layout	A Max.	B ± .003	C Max.	D	E Max.	F Max.	G
<b>9S</b>	.785 (19.94)	.565 (14.35)	.301 (7.65)	.181 (4.60)	.142 (3.61)	.629 (15.98)	.215 (5.46)
<b>15S</b>	.935 (23.75)	.715 (18.16)	.451 (11.46)	.331 (8.41)	.142 (3.61)	.629 (15.98)	.215 (5.46)
<b>21S</b>	1.085 (27.56)	.865 (21.97)	.601 (15.27)	.481 (12.22)	.142 (3.61)	.629 (15.98)	.215 (5.46)
<b>25S</b>	1.185 (30.10)	.965 (24.51)	.701 (17.81)	.581 (14.76)	.142 (3.61)	.629 (15.98)	.215 (5.46)
<b>31S</b>	1.335 (33.91)	1.115 (28.32)	.851 (21.62)	.731 (18.57)	.142 (3.61)	.629 (15.98)	.215 (5.46)
<b>37S</b>	1.485 (37.72)	1.265 (32.13)	1.001 (25.43)	.881 (22.38)	.142 (3.61)	.629 (15.98)	.215 (5.46)
<b>51S</b>	1.435 (36.45)	1.215 (30.86)	.951 (24.16)	.831 (21.11)	.186 (4.72)	.779 (19.79)	.258 (6.55)

DOWNHOLE: WELL-MASTER® 260°



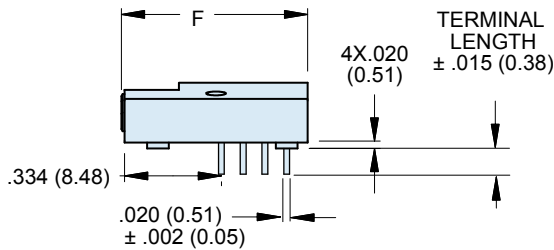


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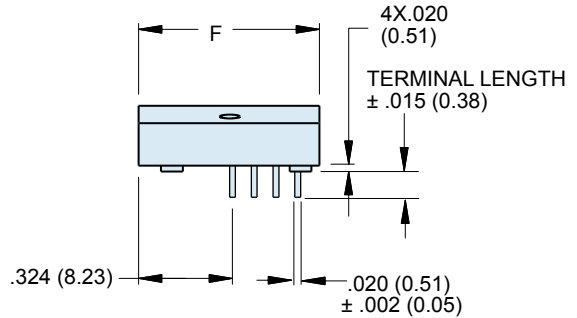


## GHTM right angle printed circuit board Well-Master header, plug and receptacle - dimensions

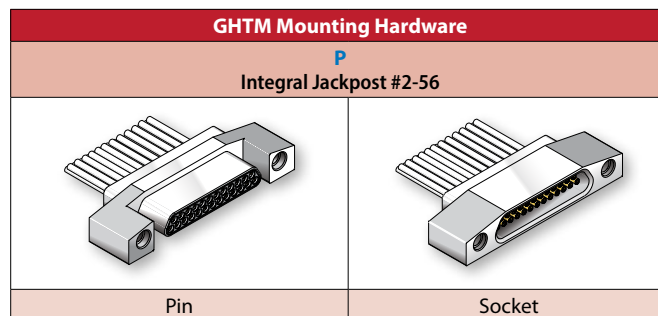
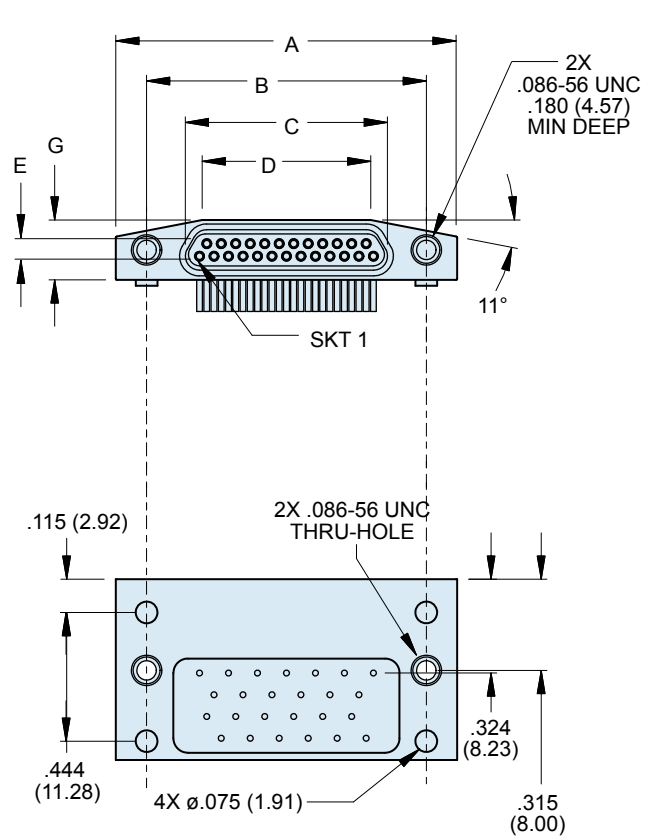
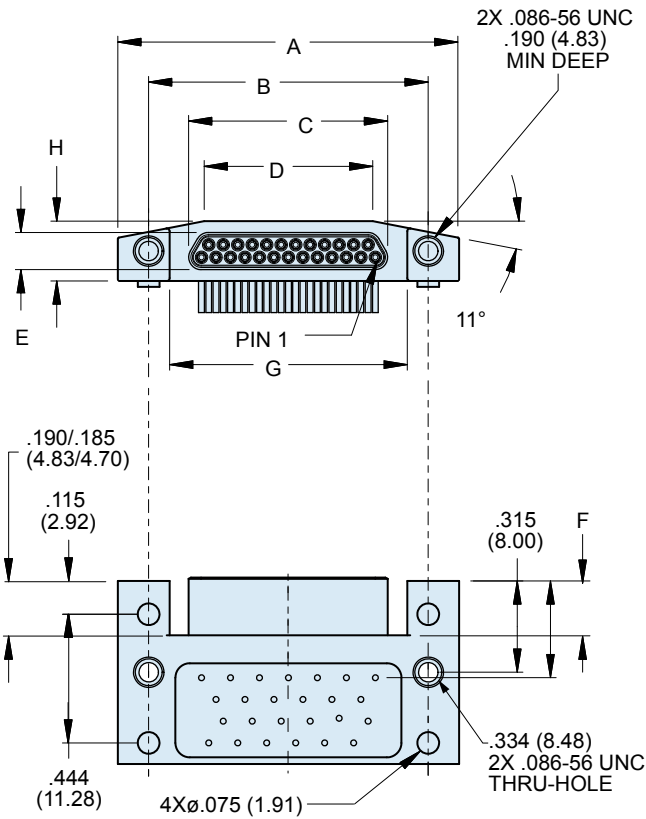
**PCB Header Plug (Pin)**



**PCB Header Receptacle (Socket)**



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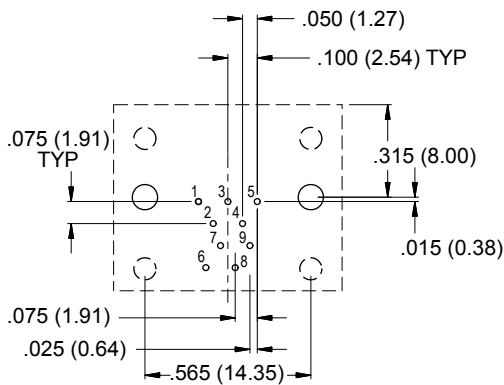


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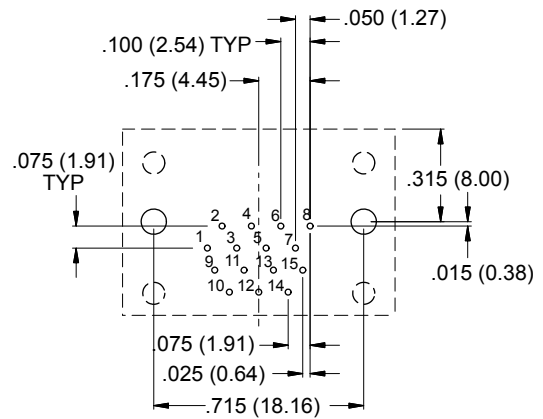


## Well-Master GHTM right angle printed circuit board header, plug (pin) - PCB layout

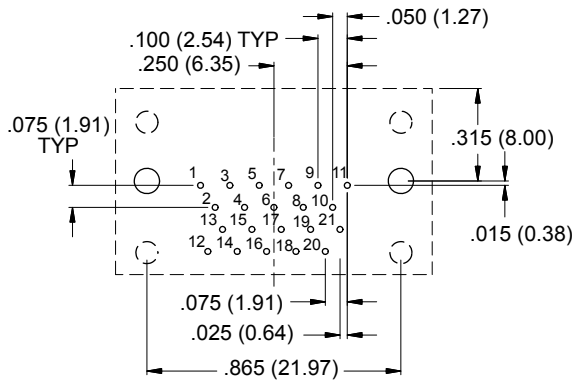
Patterns shown are for component mounting side of PCB. Terminals are .022 (0.56) max. diameter, mounting holes are .093 (2.36) diameter. Segmented lines represent connector body envelope and integral standoff locations.



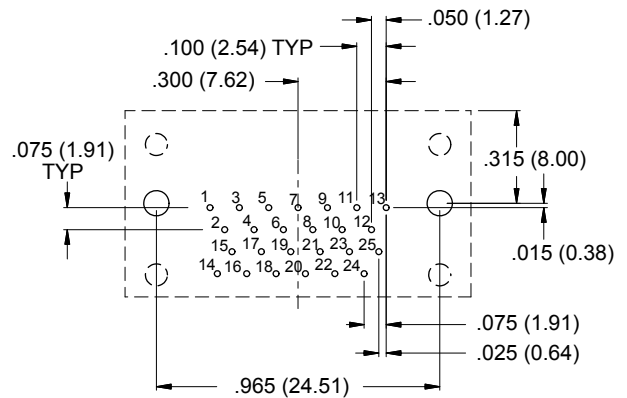
9 PIN



15 PIN



21 PIN



25 PIN

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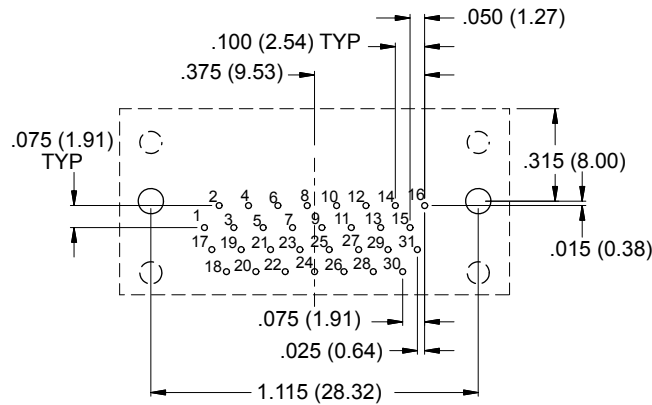
Well-Master

# SERIES GHTM WELL-MASTER 260° Downhole Micro-D Connector

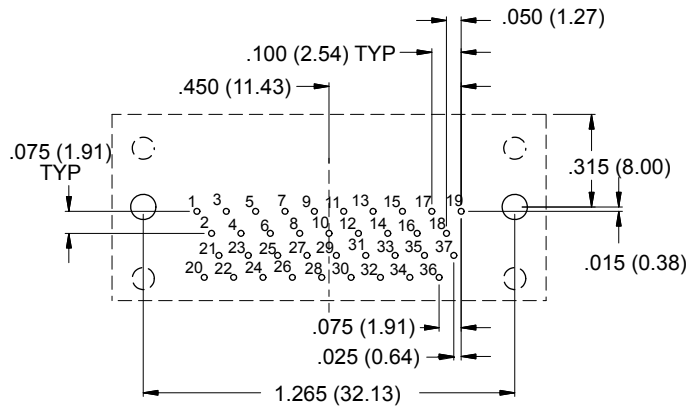


## GHTM right angle printed circuit board header, plug (pin) - PCB layout

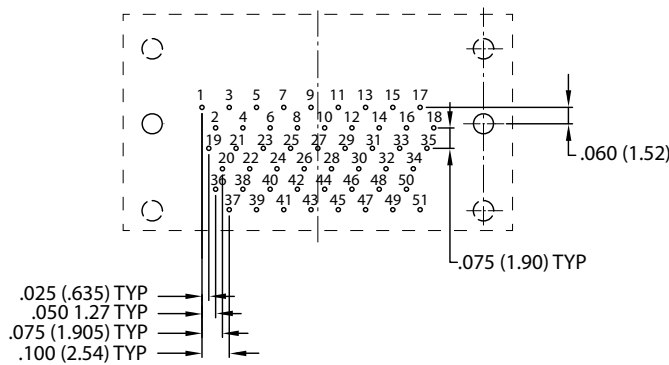
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**31 PIN**



**37 PIN**



**51 PIN**

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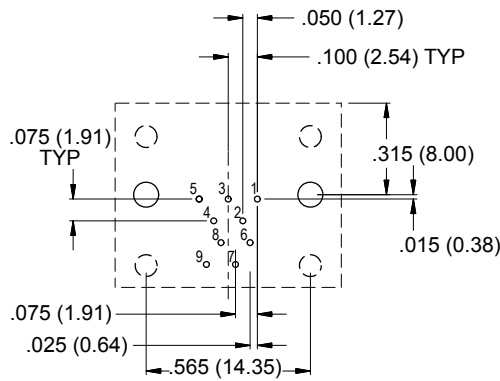


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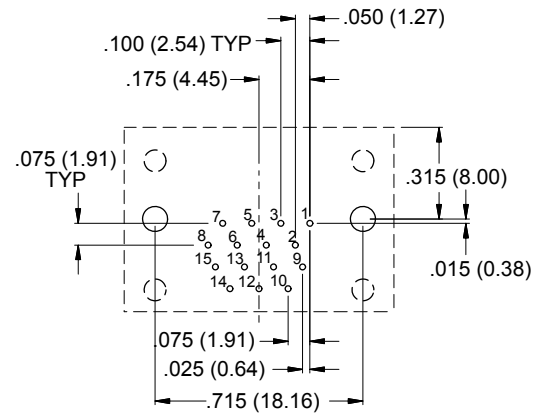


## GHTM right angle printed circuit board header, receptacle (socket) - PCB layout

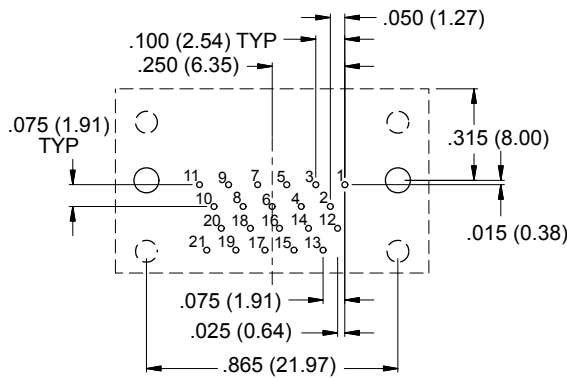
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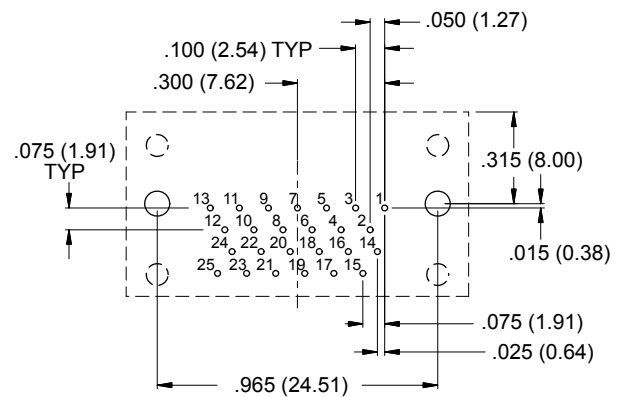
**9 SOCKET**



**15 SOCKET**



**21 SOCKET**



**25 SOCKET**

DOWNHOLE: WELL-MASTER® 260°



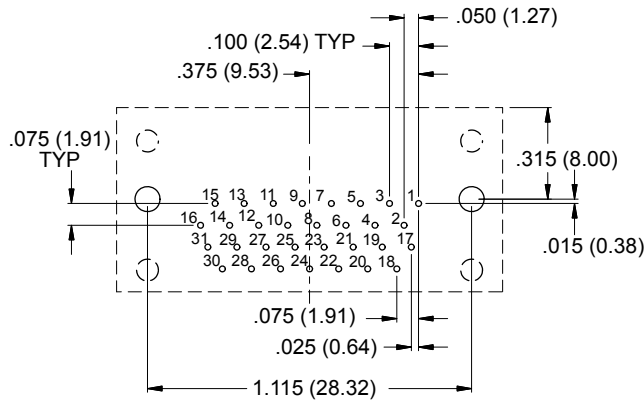


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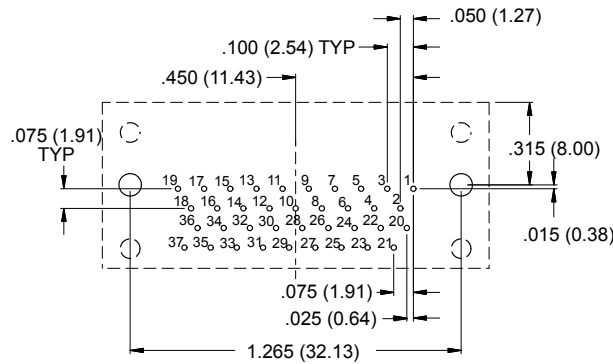


## GHTM right angle printed circuit board header, receptacle (socket) - PCB layout

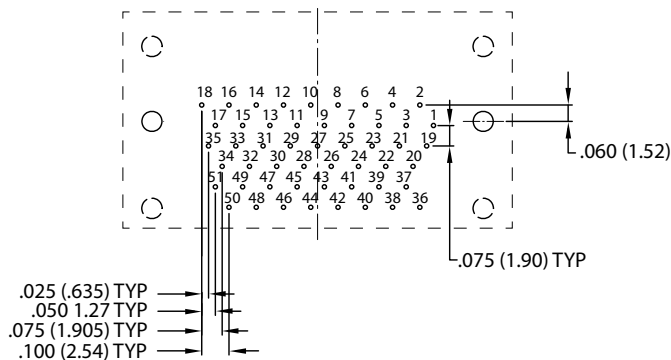
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**31 SOCKET**



**37 SOCKET**



**51 SOCKET**

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