

UNLESS OTHERWISE NOTED		TITLE:	DWG NO:
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:		
ONE PLACE DECIMALS: $\pm$	THREE PLACE DECIMALS: $\pm$	HLT ASSEMBLY	HLT-XXXX-X-X
TWO PLACE DECIMALS: $\pm$	FOUR PLACE DECIMALS: $\pm$		
ANGLES			
		$\pm$	SHEET 1 OF 1

HLT-XXXX-X-X

ROW SPECIFICATION
(SEE FIG. 1)
EXPRESSED IN NO. OF ROWS
1 THRU 20

TERMINAL SPECIFICATION
(SEE TABLE 1)

PLATING SPECIFICATION
-G: GOLD, SPECIFY -G IN TERMINAL SUFFIX -X
-T: TIN, SPECIFY -T IN TERMINAL SUFFIX -X

BODY LENGTH SPECIFICATION
(SEE FIG. 1)
EXPRESSED IN NO. OF POS. PER ROW
1 THRU 20

ASSEMBLY INSTRUCTIONS

Technical drawing of a connector assembly. The drawing shows a side view of a multi-pin connector with dimensions and component labels.

Dimensions:

- Top Corner Radius:** $.050 \begin{smallmatrix} +.007 \\ -.005 \end{smallmatrix} [1.27 \begin{smallmatrix} +.18 \\ -.13 \end{smallmatrix}]$ (TYP ALL CORNERS)
- Bottom Corner Radius:** $.050 \begin{smallmatrix} +.007 \\ -.005 \end{smallmatrix} [1.27 \begin{smallmatrix} +.18 \\ -.13 \end{smallmatrix}]$ (TYP ALL CORNERS)
- Overall Width (A):** $"A" \begin{smallmatrix} +.015 \\ -.010 \end{smallmatrix} [2.54]$
- Overall Height (B):** $"B" \begin{smallmatrix} +.015 \\ -.010 \end{smallmatrix} [2.54]$
- Overall Length (C):** $"C" \text{ REF } [2.54]$ (SEE TABLE 1)

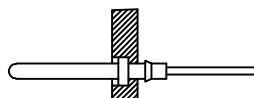
Component Labels:

- C'BORE SIDE (SEE NOTE 2):** Points to the left side of the connector.
- HSC-20:** Points to the top pin.
- BARB (SEE NOTE 3):** Points to the pin assembly.
- TERMINAL:** Points to the end of the pin.

Formulas:

- $"B" = \text{No OF ROWS} \times .100 [2.54]$
- $"A" = \text{NO OF POS.} \times .100 [2.54]$

FIGURE 1



TERMINALS TO BE RECESSED (COUNTER-SUNK)
INTO BODY TO ALLOW BARB
PROTRUSION AT BOTTOM

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HLT-MKT

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CHECKED BY: THRUSTON 6-4-85

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HLT-XXXX-X-X
SHEET 1 OF 1

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