

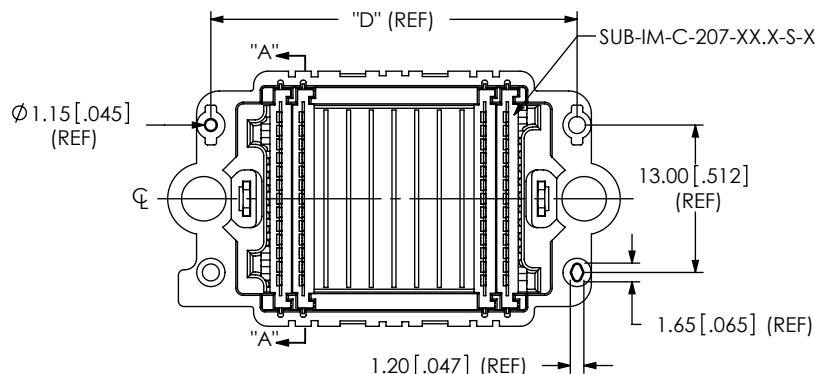
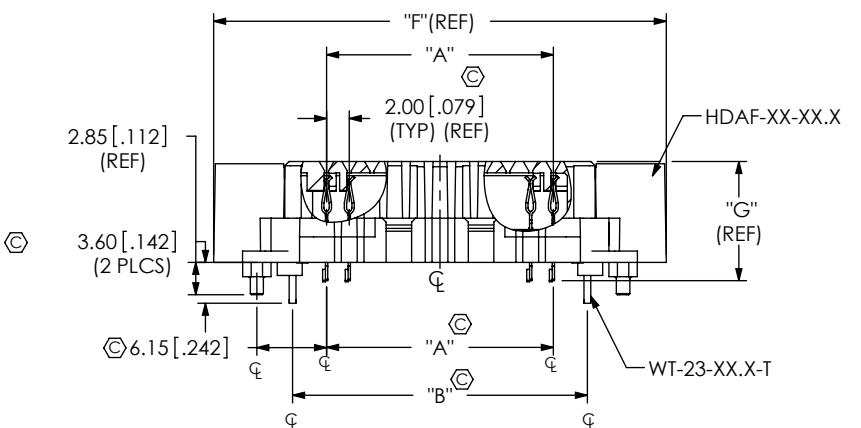
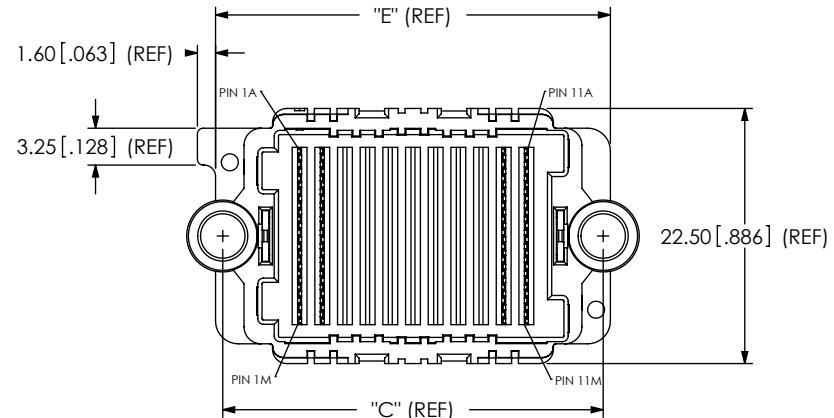
DO NOT  
SCALE FROM  
THIS PRINT

FIG 1  
-11: 1T POSITION  
(HDAF-11-08.0-X-13-X-X SHOWN)  
(SOME WAFERS NOT SHOWN FOR CLARITY)

## NOTES:

- ① (CIRCLE) REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 2.22N(.5 LB) FOR WAFERS AND WELD TABS.
3. CONNECTORS TO BE PACKAGED IN TRAYS.
4. DIMENSION FROM  $\frac{1}{4}$  OF END TAIL TO  $\frac{1}{4}$  OF A PIN.

DESIGNED & DIMENSIONED  
IN MILLIMETERS  
(INCHES FOR REFERENCE ONLY)

HDAF-XX-XX.X-X-13-X-X

## NO OF POSITIONS

(13 ROWS PER POSITION)  
-11  
-15  
-23

## OPTION

-P: PICK & PLACE PAD  
(USE MPP-26-01-N)

## SOLDER CHARGE MATERIAL ①

-1: 63% TIN / 37% LEAD  
-2: 95.5% TIN / 3.8% SILVER  
0.7% COPPER (LEAD FREE)

## No OF ROWS

-13

## LEAD STYLE

-08.0: 8MM  
-18.0: 18MM

## PLATING SPECIFICATION

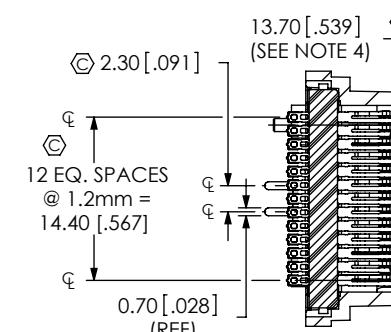
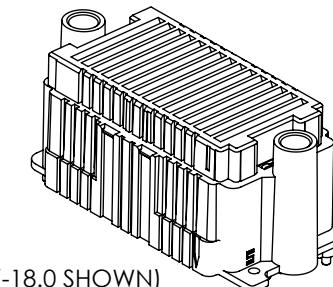
-S: SELECTIVE, .000030 INCHES GOLD IN MATING AREA,  
MATTE TIN ON TAIL AND WELD TABS

TABLE 1

STYLE	"BODY CALLOUT"	"CONTACT WAFER"	"SOLDER NAIL"
-08.0	HDAF-XX-08.0	SUB-IM-C-207-08.0-S-X	WT-23-08.0-T
-18.0	HDAF-XX-18.0	SUB-IM-C-207-18.0-S-X	WT-23-18.0-T

TABLE 2

STACK HEIGHT		
HDAF	HDAM LEAD STYLE	
LEAD	-12.0	-17.0
STYLE	20.0MM	25.0MM
-08.0	30.0MM	35.0MM
-18.0		



SECTION "A"-A'

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN  
MILLIMETERS [INCHES].  
TOLERANCES ARE:  
DECIMALS                    ANGLES  
X:  $\pm 0.3$  [.01]  
XX:  $\pm 0.13$  [.005]  
XXX:  $\pm 0.051$  [.0020]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP COLOR: BLACK  
CONTACT: COPPER ALLOY  
WAFER MATERIAL: LCP, COLOR: BLACK  
PICK AND PLACE PAD: COPPER ALLOY  
WELD TAB: BRASS

SHEET SCALE: 1:5:1

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

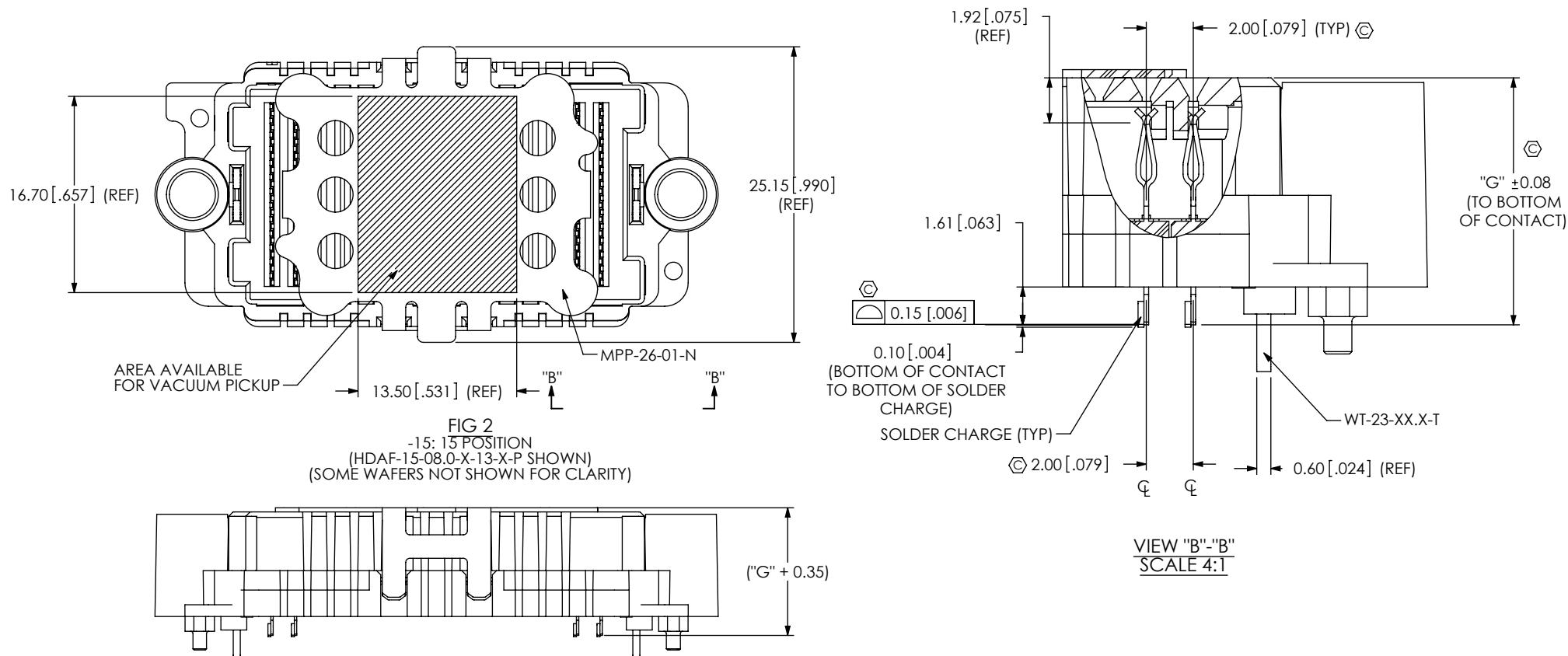
DESCRIPTION:  
2.0MM PITCH HD ARRAY SOCKET ASSEMBLY  
DWG. NO.  
HDAF-XX-XX.X-X-13-X-X

BY: D KNOWLDEN 7/14/2005 SHEET 1 OF 2

**samtec**

TABLE 3

No. OF POS.	LEAD STYLE	"A"	"B"	"C"	"D"	"E"	"F"	"G"
11	08.0	20.0 [.787]	26.0 [1.02]	33.55 [1.321]	32.30 [1.272]	34.82 [1.371]	39.92 [1.572]	10.51 [.414]
15	08.0	28.0 [1.102]	34.0 [1.34]	41.55 [1.636]	40.30 [1.587]	42.82 [1.686]	47.92 [1.887]	10.51 [.414]
23	08.0	44.0 [1.732]	50.0 [1.97]	57.55 [2.266]	56.30 [2.217]	58.82 [2.316]	63.92 [2.517]	10.51 [.414]
11	18.0	20.0 [.787]	26.0 [1.02]	33.55 [1.321]	32.30 [1.272]	34.82 [1.371]	39.92 [1.572]	20.51 [.807]
15	18.0	28.0 [1.102]	34.0 [1.34]	41.55 [1.636]	40.30 [1.587]	42.82 [1.686]	47.92 [1.887]	20.51 [.807]
23	18.0	44.0 [1.732]	50.0 [1.97]	57.55 [2.266]	56.30 [2.217]	58.82 [2.316]	63.92 [2.517]	20.51 [.807]



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DO NOT SCALE DRAWING SHEET SCALE: 1:1	DESCRIPTION: 2.0MM PITCH HD ARRAY SOCKET ASSEMBLY DWG. NO. HDAF-XX-XX.X-X-13-X-X
BY:D KNOWLDEN 7/14/2005	SHEET 2 OF 2