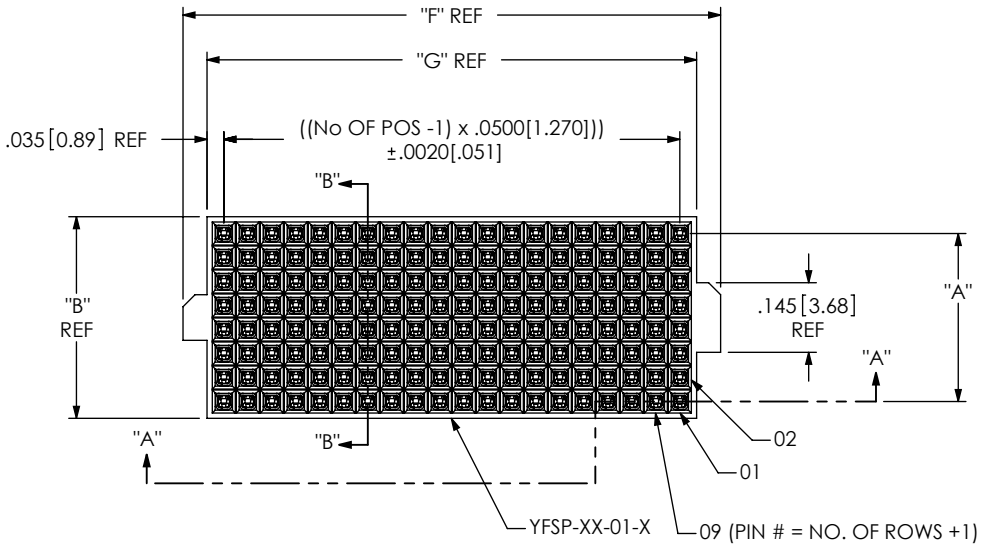
REVISION W

DO NOT SCALE FROM THIS PRINT



YFS-XX-X3-X-XX-SB-XX

No OF POSITIONS
-20, -30, -40, -50
(PER ROW)

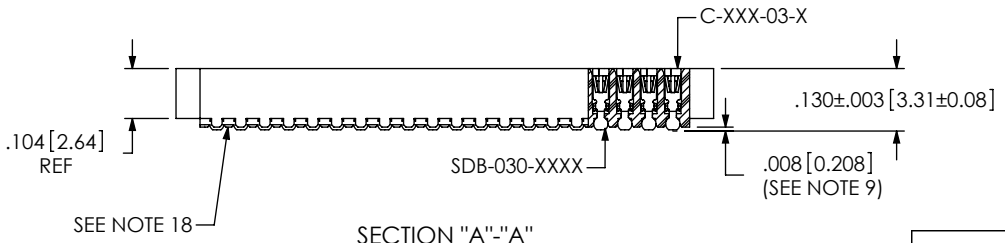
LEAD STYLE
-03: PIN / SOLDERBALLS
(USE C-140-03-X, SEE FIG 1)
-L3: PIN / SOLDERBALLS
(LOW INSERTION FORCE)
(USE C-226-03-X)

PLATING SPECIFICATION
-G: GOLD (USE C-XXX-03-G)
-H: HEAVY GOLD (USE C-XXX-03-H)
-E: EXTRA GOLD (USE C-XXX-03-E)

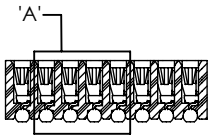
OPTION
-K: KAPTON PAD
(SEE FIG 2, SHT 2)
-TR: TAPE & REEL
(SEE NOTE 17)

SOLDER BALLS
-SB: SOLDER BALL
(USE SDB-030-6337)
37% Pb/63% Sn

ROW SPECIFICATION
-05: FIVE (USE YFSP-XX-01-F)
-08: EIGHT (USE YFSP-XX-01-E)
-10: TEN (USE YFSP-XX-01-T)
-06: SIX (USE YFSP-XX-01-6)
(AVAILABLE IN 20 POS ONLY)
-03: THREE (USE YFSP-XX-01-3)
(AVAILABLE IN 20 POS ONLY)
(SEE NOTE 17)



SECTION "A"-"A"



SECTION "B"-"B"

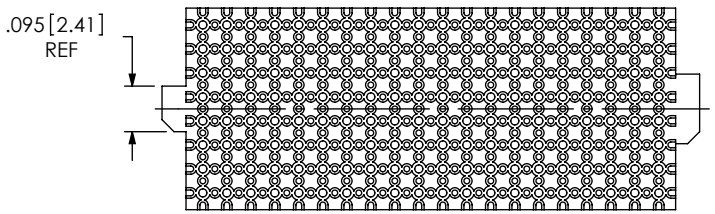


FIG 1
YFS-20-X3-X-08-SB SHOWN

TABLE 1		
ROW	"A"	"B"
-03	.1000	.170
-05	.2000	.270
-06	.2500	.320
-08	.3500	.420
-10	.4500	.520

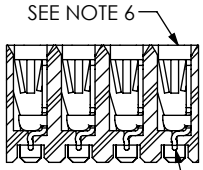
TABLE 3		
POS	"F"	"G"
-20	1.120	1.020
-30	1.620	1.520
-40	2.120	2.020
-50	2.620	2.520

TABLE 2 - SOLDERBALL PARTS ONLY				
PART (POSITION)	20	30	40	50
MAX COPLANARITY	.004[0.10]	.007[0.18]	.008[0.20]	.008[0.20]
MAX T/B BOW *	.002[0.05]	.002[0.05]	.002[0.05]	.0025[0.064]
* AFTER SOLDERBALL ATTACHMENT				

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. NOTE DELETED.
3. MAXIMUM BURR ALLOWANCE: .0005[0.013]
4. MINIMUM PUSHOUT FORCE: .5 LB.
5. NOTE DELETED.
6. CONTACT TO BE FLUSH ±.002[0.05]. TO BE MEASURED AT ALL FOUR CORNERS.
7. NOTE DELETED.
8. ALL DIMS TO BE SYMMETRICAL ABOUT THE CENTERLINE WITHIN ±.001[0.03].
9. .0025[0.064] MAX VARIATION BETWEEN SOLDERBALLS.
10. REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
11. THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025±.005[0.64±0.13].
12. NOTE DELETED.
13. NOTE DELETED.
14. NOTE DELETED.
15. NOTE DELETED.
16. NO FLASH ALLOWED ON THE PIN TIPS.
17. IF -TR OPTION IS NOT SPECIFIED, PARTS TO BE PACKAGED IN TRAYS. PARTS WITH -03 ROW SPECIFICATION NOT VALID WITHOUT -TR OPTION.
18. THE FLAT IS FOR REFERENCE ONLY. SOLDERBALLS MAY NOT ACTUALLY BE FLAT AFTER REPRESS.

IN-PROCESS WITHOUT SOLDERBALLS



DETAIL 'A'
SCALE 5 : 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]
ANGLES
2°

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING
SHEET SCALE: 2.5:1

MATERIAL:
INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE

F:\DWG\MISC\MKTG\YFS-XX-X3-X-XX-SB-XX-MKT.SLDDRW

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

DESCRIPTION:
.050[1.27] MULTI-ROW SOCKET ASSEMBLY

DWG. NO.
YFS-XX-X3-X-XX-SB-XX

BY: KEVIN B 4/22/99

SHEET 1 OF 2

REVISION W

FIG 2
-K: KAPTON PAD

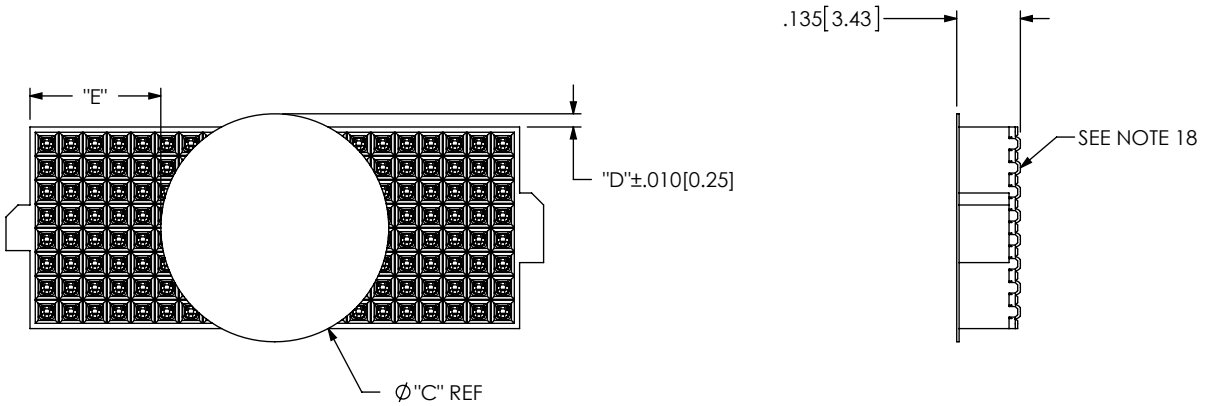


TABLE 5							
ROW	"C"	"D"	"E"				KAPTON TAPE
			-20 POS	-30 POS	-40 POS	-50 POS	
-03	.217	.024	0.4015	0.6515	0.9015	1.1515	K-DOT-.217-.313-.005
-05	.310	.020	0.3550	0.6050	0.8550	1.1050	K-DOT-.310-.406-.005
-06	.354	.017	0.3330	0.5830	0.8330	1.0830	K-DOT-.354-.469-.005
-08	.475	.028	0.2725	0.5225	0.7725	1.0225	K-850-650
-10	.575	.028	0.2225	0.4725	0.7225	0.9725	K-850-650

F:\DWG\MISC\MKTG\YFS-XX-X3-X-XX-SB-XX-MKT.SLDDRW

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

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

DESCRIPTION:
.050[1.27] MULTI-ROW SOCKET ASSEMBLY

DWG. NO.
YFS-XX-X3-X-XX-SB-XX

BY: KEVIN B 4/22/99