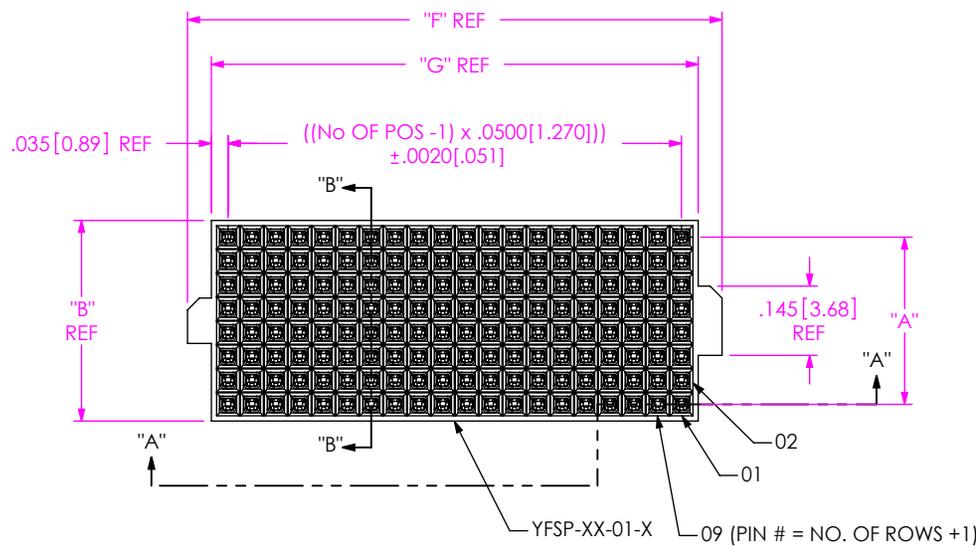


DO NOT SCALE FROM THIS PRINT



- 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)

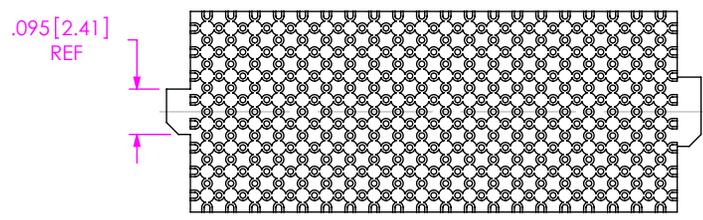
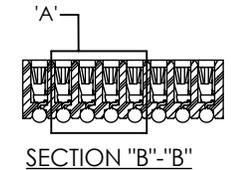
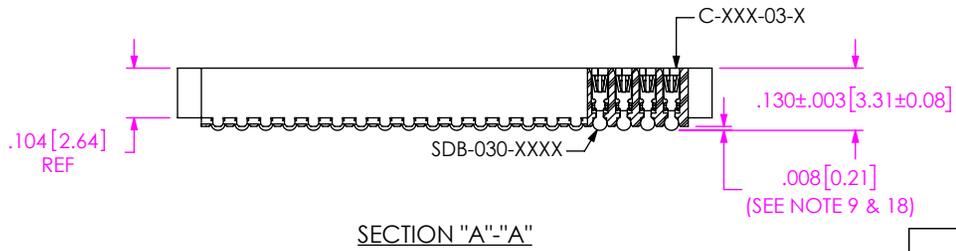


TABLE 2 - SOLDERBALL PARTS ONLY

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

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

TABLE 1

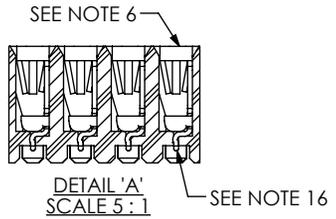
ROW	"A"	"B"
-03	.1000	.170
-05	.2000	.270
-06	.2500	.320
-08	.3500	.420
-10	.4500	.520

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

- 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. SOLDERBALLS MAY HAVE A FLATTENED SURFACE AND APPEARANCE AFTER REPRESS.

IN-PROCESS WITHOUT SOLDERBALLS



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

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520 PARK EAST BLVD. NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE

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

FIG 2
 -K: KAPTON PAD
 YFS-20-X3-X-08-SB-K SHOWN

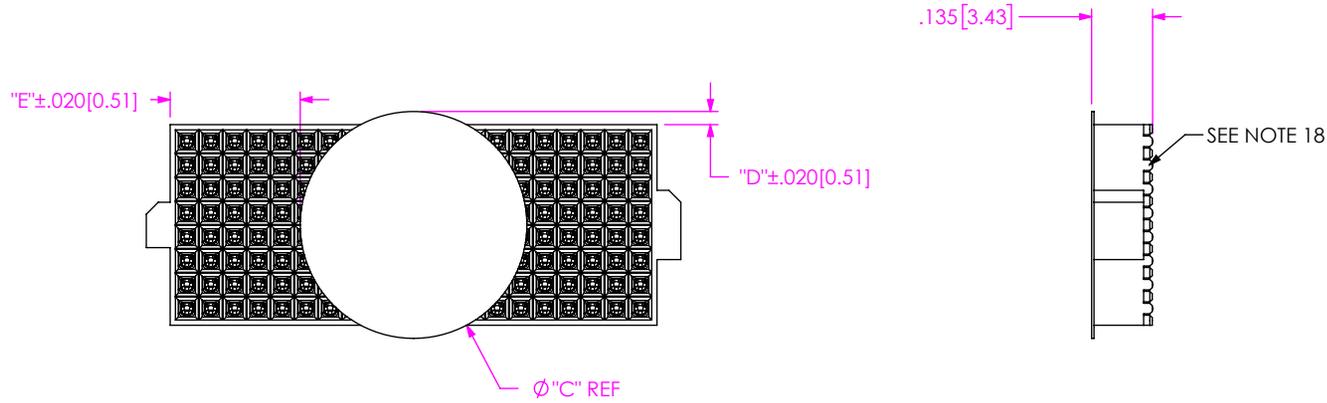


TABLE 5							
ROW	"C"	"D"	"E"				KAPTON TAPE
			-20 POS	-30 POS	-40 POS	-50 POS	
-03	.217	.024	0.4015	0.6515	0.9015	1.1515	K-DOT-.217-.313-.005
-05	.310	.020	0.3550	0.6050	0.8550	1.1050	K-DOT-.310-.406-.005
-06	.354	.017	0.3330	0.5830	0.8330	1.0830	K-DOT-.354-.469-.005
-08	.475	.028	0.2725	0.5225	0.7725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

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 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 2 OF 2