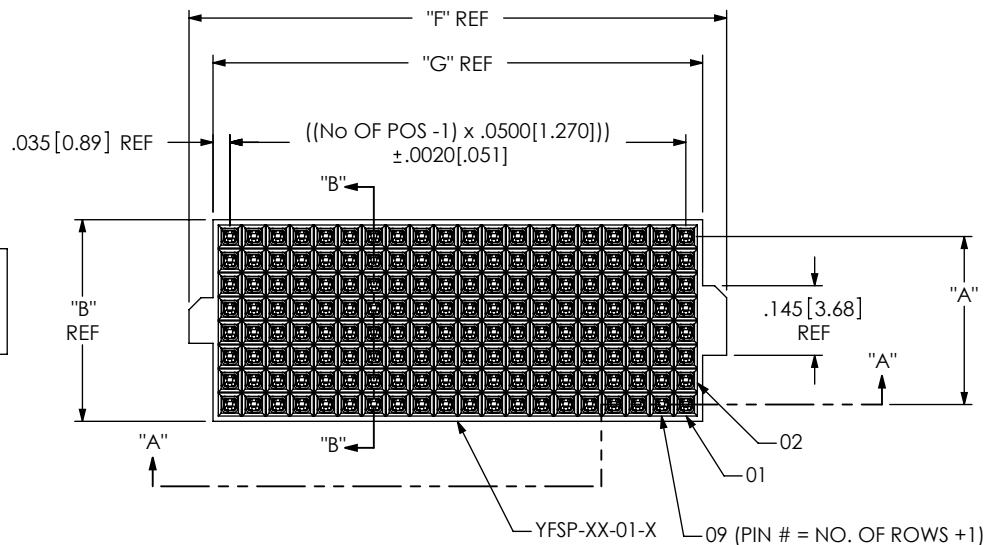


DO NOT
SCALE FROM
THIS PRINT



- 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)

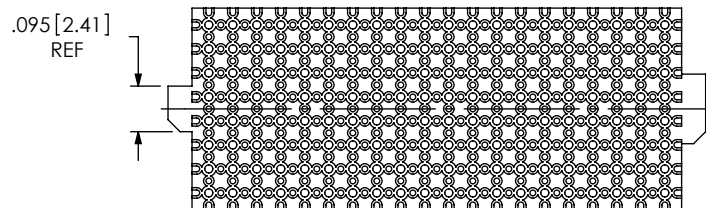
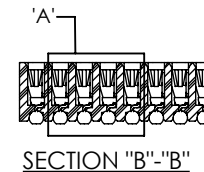
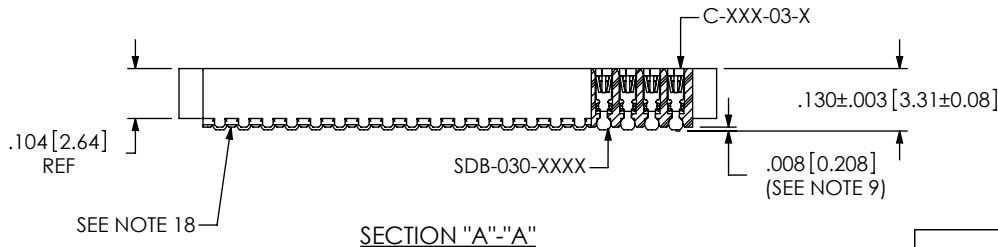


TABLE 2 - SOLDERBALL PARTS ONLY				
PART (POSITION)	20	30	40	50
MAX COPLANARITY	.004[0.10]	.007[0.18]	.008[0.20]	.008[0.20]
MAX T/B BOW *	.002[0.05]	.002[0.05]	.002[0.05]	.0025[0.064]

* AFTER SOLDERBALL ATTACHMENT

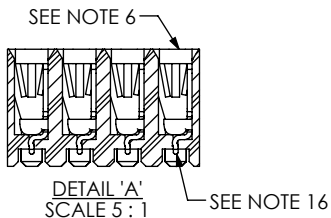
FIG 1
YFS-20-X3-X-08-SB SHOWN

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. THE FLAT IS FOR REFERENCE ONLY. SOLDERBALLS MAY NOT ACTUALLY BE FLAT AFTER REPRESS.

IN-PROCESS WITHOUT SOLDERBALLS



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

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

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

samtec

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

FIG 2
-K: KAPTON PAD

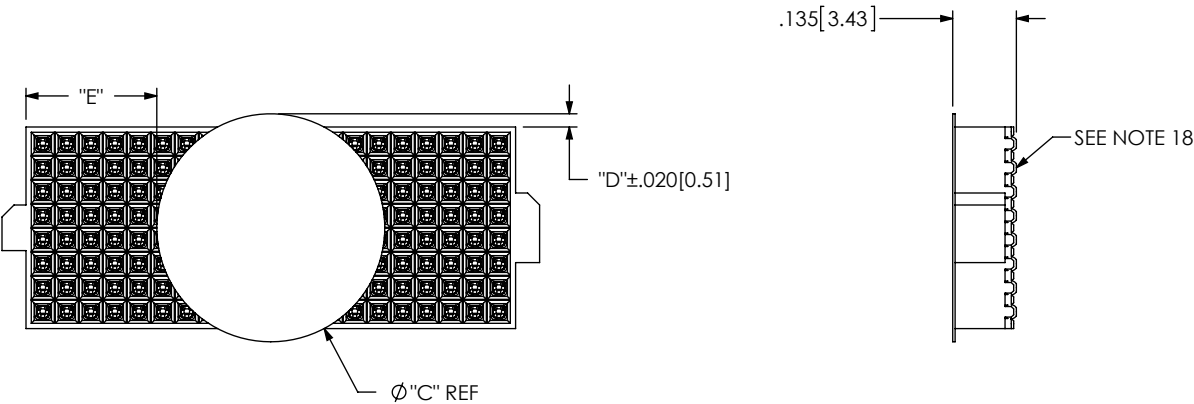


TABLE 5							
ROW	"C"	"D"	"E"				KAPTON TAPE
			-20 POS	-30 POS	-40 POS	-50 POS	
-03	.217	.024	0.4015	0.6515	0.9015	1.1515	K-DOT-.217-.313-.005
-05	.310	.020	0.3550	0.6050	0.8550	1.1050	K-DOT-.310-.406-.005
-06	.354	.017	0.3330	0.5830	0.8330	1.0830	K-DOT-.354-.469-.005
-08	.475	.028	0.2725	0.5225	0.7725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

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SHEET SCALE: 2.5:1

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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