

ZF5S-XX-XX-XX-WT-X-XX

No OF POSITIONS
-04 THRU -50
(USE ZF5-XX AND
ZF5C-XX-XX)

LEAD STYLE
-01: USE C-297-01-X
-02: USE C-298-01-X
-03: USE C-297-02-X
& C-298-02-X

OPTION
-TR: TAPE AND REEL
(SEE SHEET 4, FIG 3)
OPTION
-K: KAPTON PAD
(N/A IN -03 LEAD STYLE)
(USE K-DOT-.118-.219-.005)
(SEE SHEET 5, FIG 4)

WELD TAB
USE WT-60-01-T
PLATING SPECIFICATION
-T: PURE TIN, MATTE FINISH

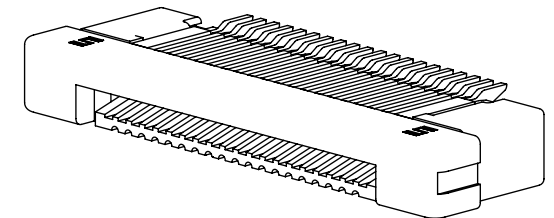
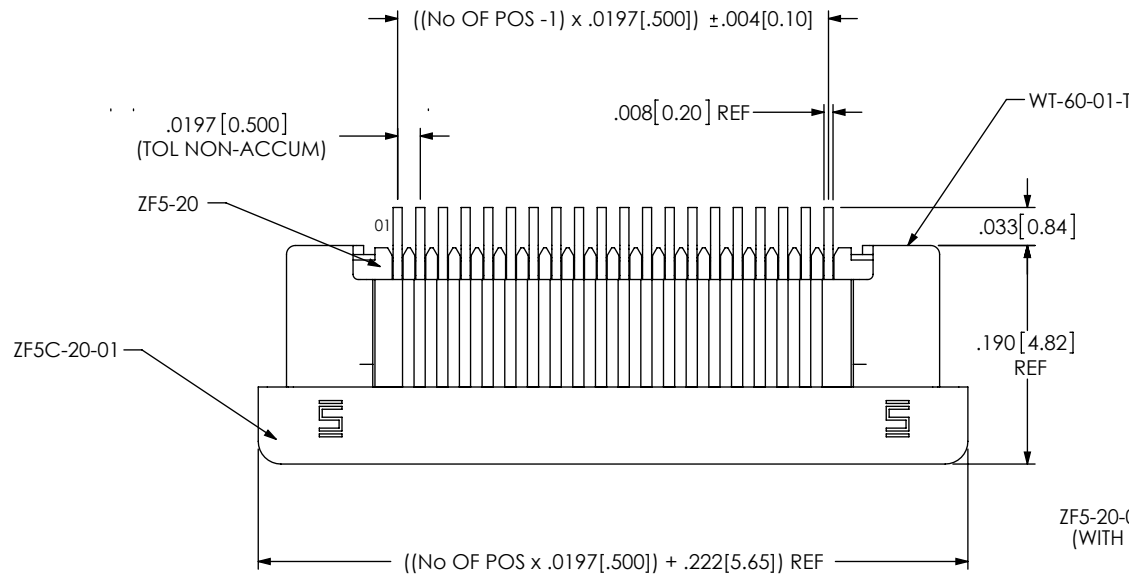


FIG 1
ZF5-20-01-X-WT SHOWN
(WITH CAM CLOSED)

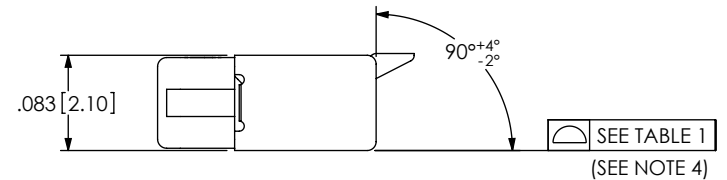
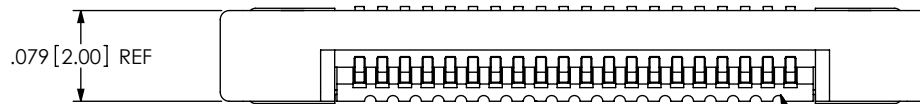


TABLE 1	
No OF POS.	COPLANARITY
-04 THRU -30	.0040[0.101]
-31 THRU -50	.0060[0.152]

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- MAXIMUM BURR ALLOWANCE: .0010[.025]
- MINIMUM PUSHOUT FORCE: 6 OZ.
- CO-PLANARITY INCLUDES TAILS AND WELD TABS.
- WELD TAB RETENTION: 6 OZ.
- BREAKOFF BURR NOT TO EXCEED .007[0.18] AND MUST REMAIN ATTACHED.
- PIN 1 TO HAVE ORIENTATION AS SHOWN.
- VOIDS TO BE RAN AT VENDOR'S DISCRETION.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01[0.3] 2°
.XXX: ±.005[0.13]
.XXXX: ±.0020[0.051]

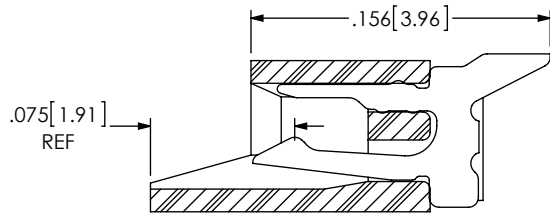
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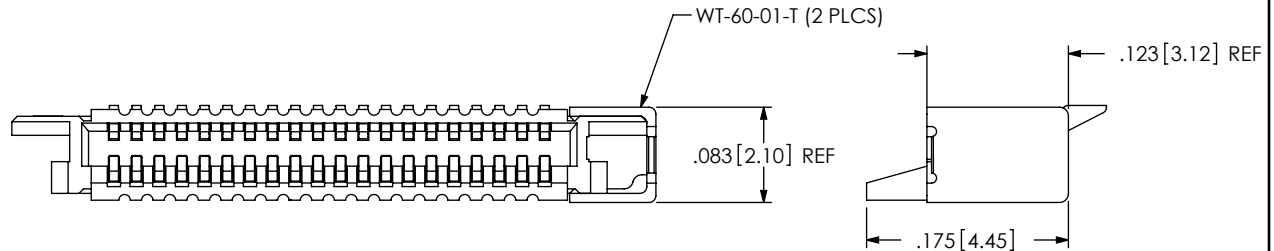
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 6:1
HOUSING: LCP, COLOR: NATURAL
CAM SLIDER: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE
WELD TAB: BRASS
MAX FLASH ALLOWED: .002
MAX GATE VESTIGE: .002
F:\DWG\MISC\Mktg\ZF5S-XX-XX-WT-X-XX-MKT.slddrw

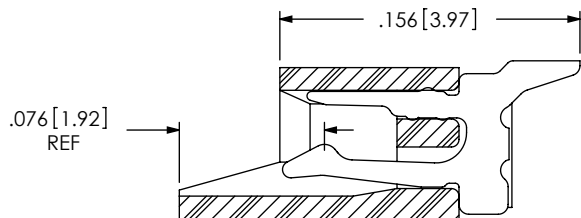
DESCRIPTION:
ZERO INSERTION FORCE .5mm ASSEMBLY
DWG. NO. ZF5S-XX-XX-XX-WT-X-XX
BY: G PURVIS 01/20/2011 SHEET 1 OF 5



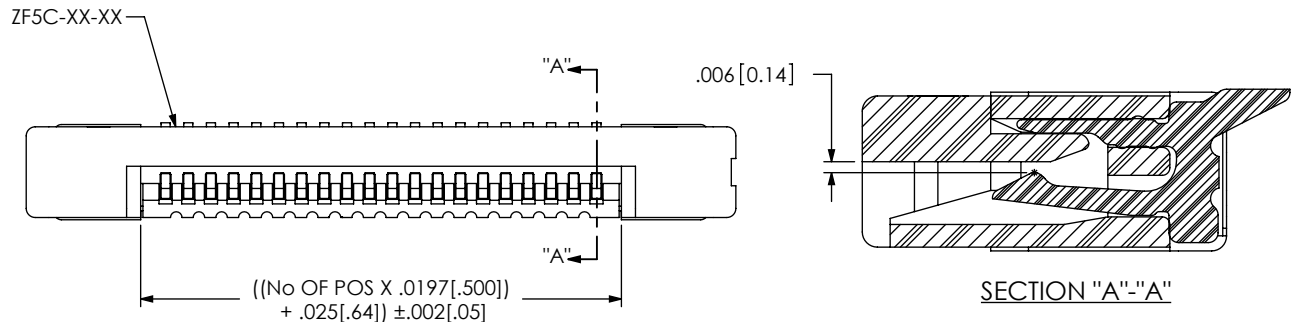
-01 LEAD STYLE
IN PROCESS 1
FILL C-297-01-X



IN PROCESS 2
FILL WT-60-01-X
(SOME FEATURES REMOVED FOR CLARITY)

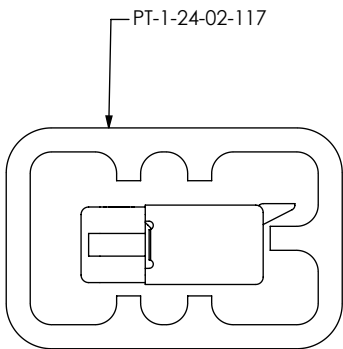


-02 LEAD STYLE
IN PROCESS 1
FILL C-298-01-X

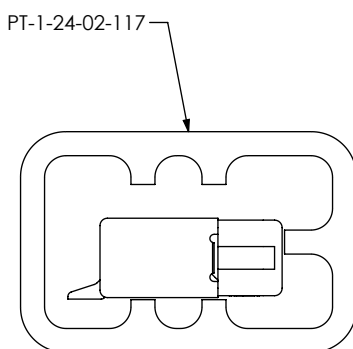


IN PROCESS 3
INSERT ZF5C-XX-XX
(CAM SHOWN IN CLOSED POSITION)

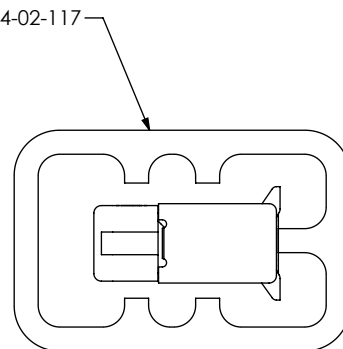
PACKAGING VIEWS
(-TR OPTION SHOWN ON SHEET 4)
[PARTS TO HAVE POSITION #1 LOADED IN
SAME DIRECTION AS ARROW ON TUBE]



-01 LEAD STYLE
(USE TP-24-02 PLUG)



-02 LEAD STYLE
(USE TP-24-02 PLUG)



-03 LEAD STYLE
(USE TP-24-02 PLUG)

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SHEET SCALE: 10:1



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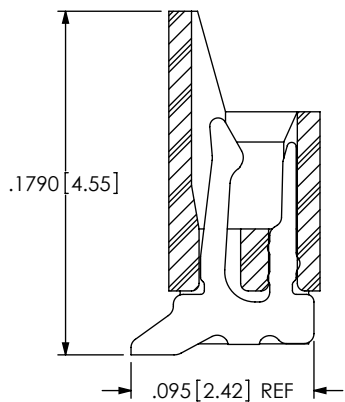
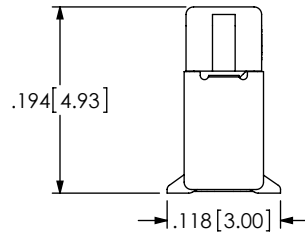
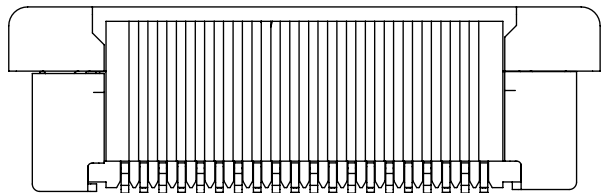
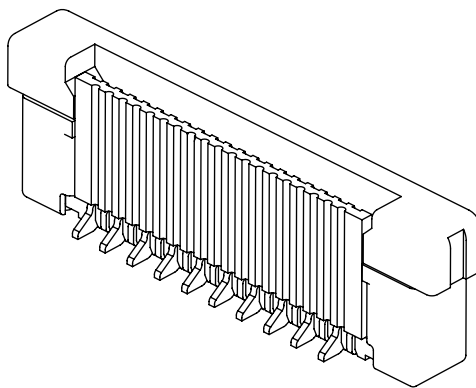
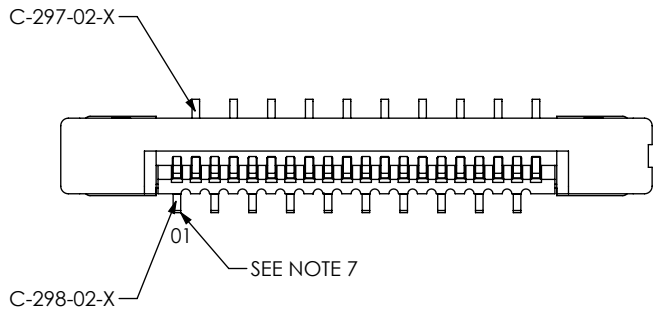
DESCRIPTION:
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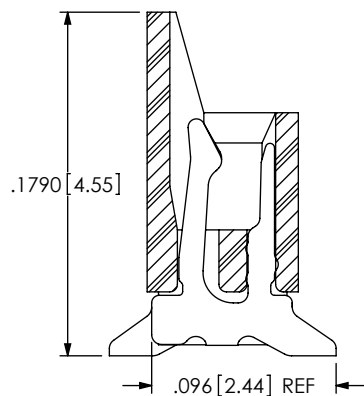
BY: G PURVIS 01/20/2011 SHEET 2 OF 5

FIG 2

-03 LEAD STYLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(ZF5-20-03-T-WT SHOWN)

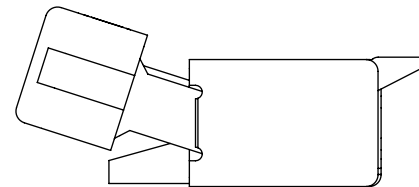


-03 LEAD STYLE
IN PROCESS 1A
FILL C-298-02-X
(SAME AS IN PROCESS 1 FOR -01 LEAD
STYLE EXCEPT AS SHOWN)
(ODD POSITIONS FILLED ONLY)

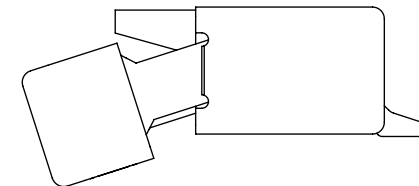


-03 LEAD STYLE
IN PROCESS 1B
FILL C-297-02-X
(SAME AS IN PROCESS 1 FOR -01 LEAD
STYLE EXCEPT AS SHOWN)
(EVEN POSITIONS FILLED ONLY)

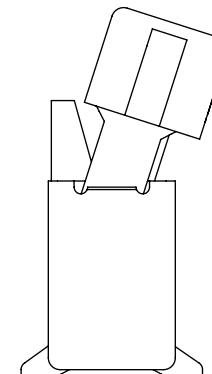
APPLICATION VIEWS



-01 LEAD STYLE SHOWN
(WITH CAM OPEN)



-02 LEAD STYLE SHOWN
(WITH CAM OPEN)



-03 LEAD STYLE SHOWN
(WITH CAM OPEN)

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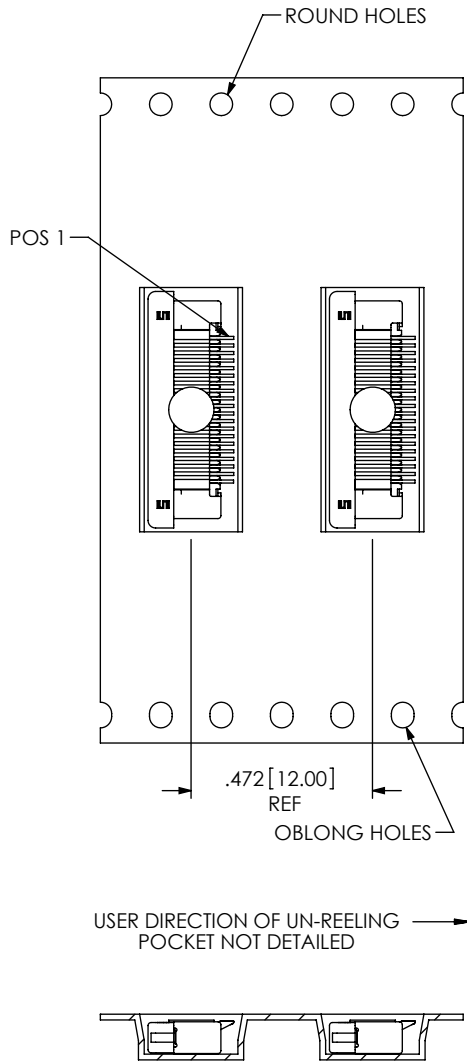
DESCRIPTION:

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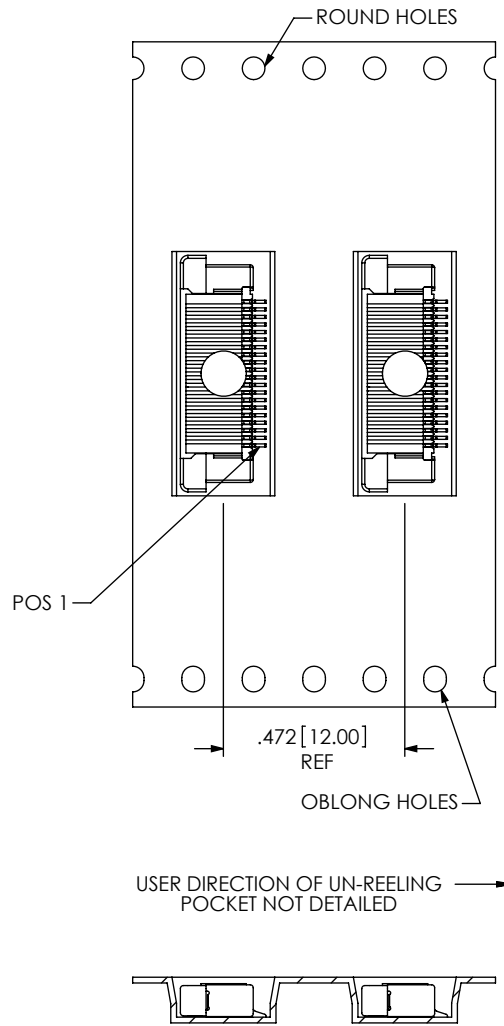
DWG. NO.

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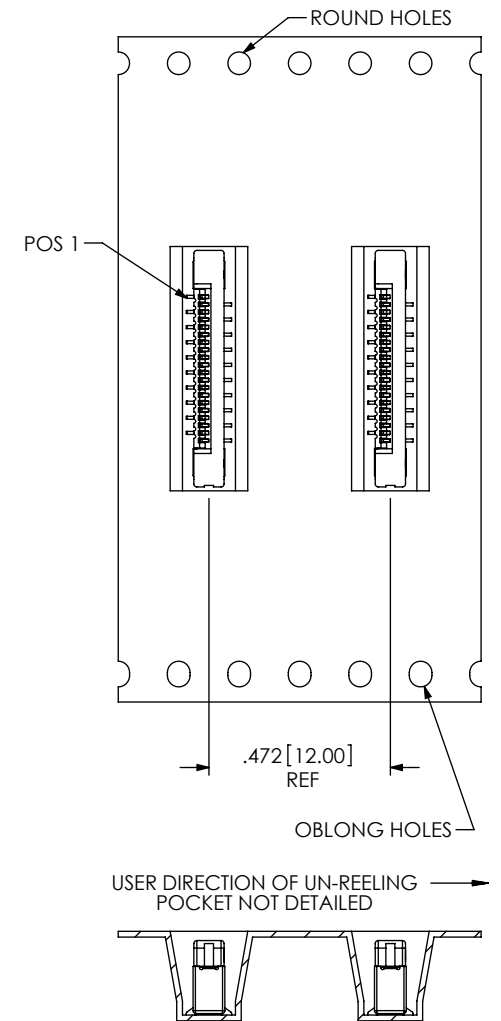
-01 LEAD STYLE
SHOWN WITH -K OPTION



-02 LEAD STYLE
SHOWN WITH -K OPTION



-03 LEAD STYLE



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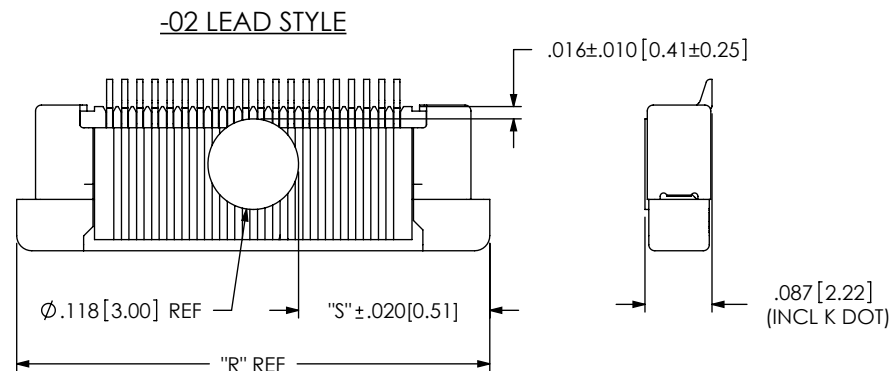
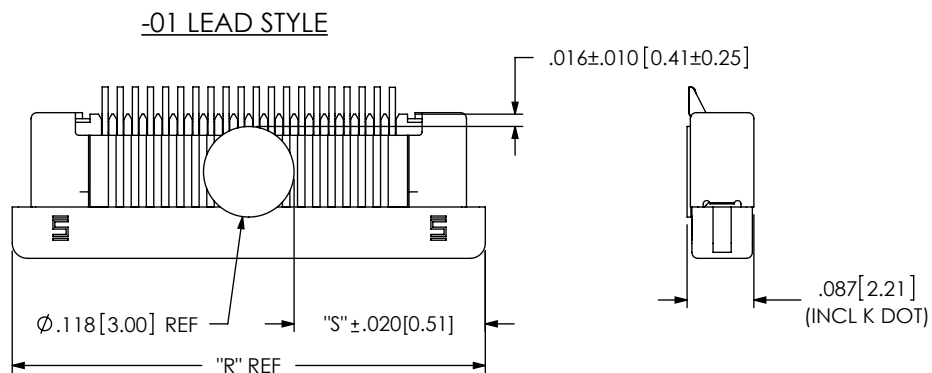
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FIG 4
 KAPTON PAD
 (USE K-DOT-.118-.219-.005)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

NOTE: "R" = OVERALL LENGTH
 "S" = $\{("R" - .118[3.00]) / 2\} \pm .020[.51]$



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