

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

PCIE-LP-XX-01-X-DV-A-XX-XX

No OF LANES
-01, -04, -08, -16

CARD THICKNESS
-01: 1.57mm (.062) CARD

PLATING SPECIFICATION
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

PACKAGING
-TR: TAPE & REEL (REQUIRED FOR LANES -01, -04 & -08) (LEAVE BANK FOR TRAY PACKAGING, ONLY AVAILABLE FOR LANES -16) (SEE NOTE 5 & 6)

OPTION
-WT: WELD TAB (SEE FIG 2, SHT 2)
-K: POLYIMIDE FILM PAD (SEE FIG 3, SHT 2)

ALIGNMENT PIN

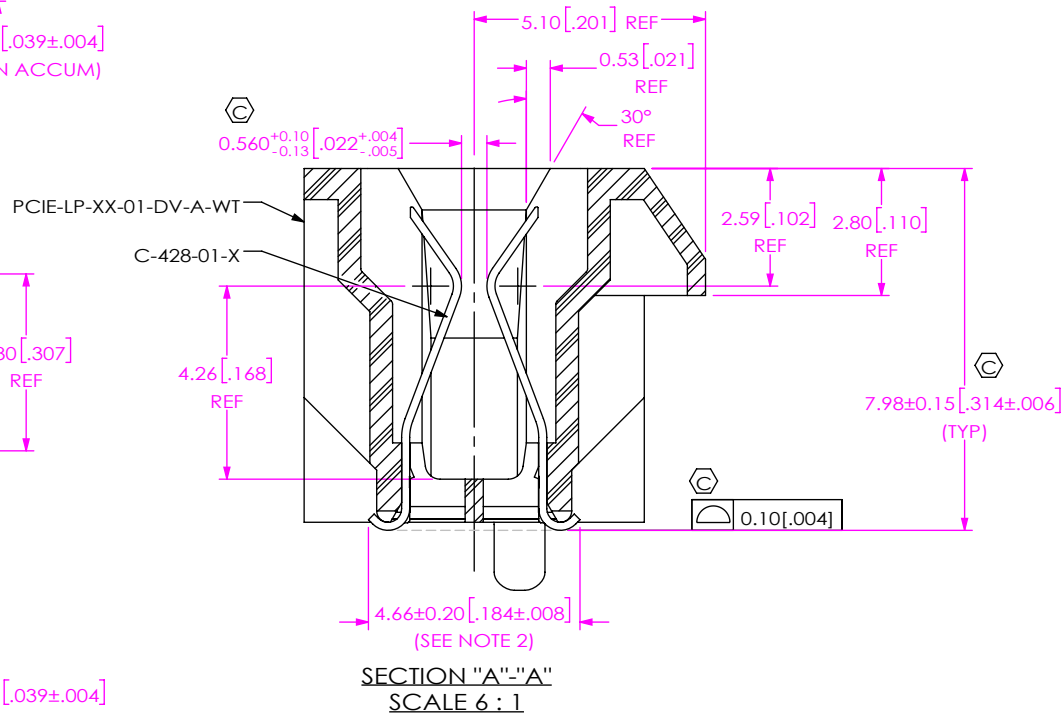
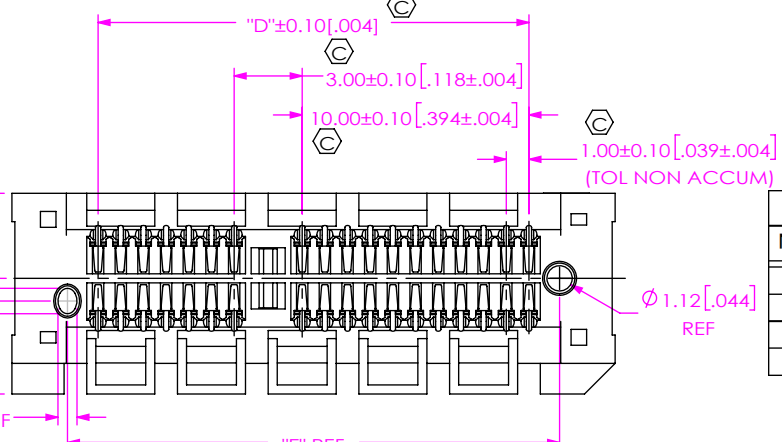
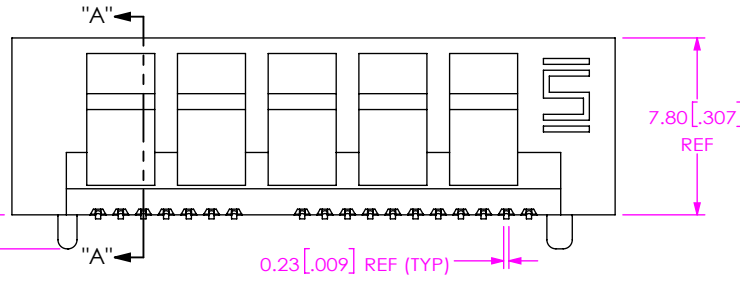
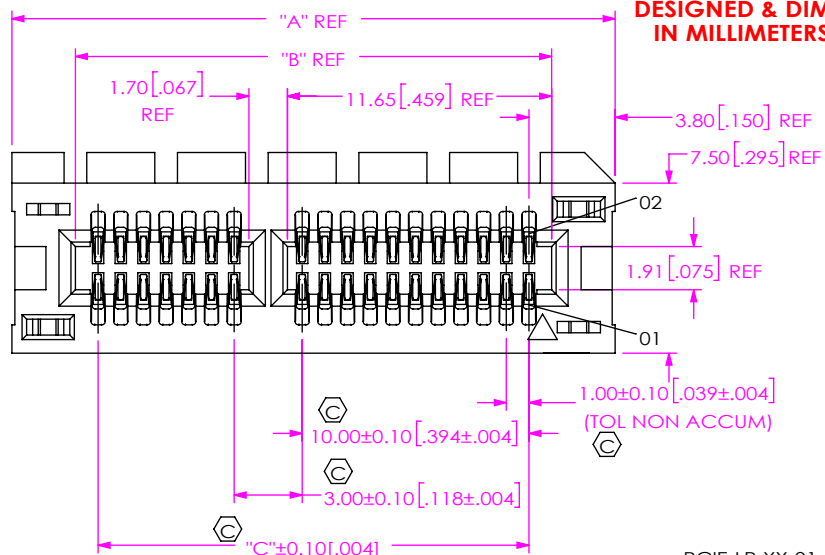


TABLE 1

No OF LANES	"A"	"B"	"C"	"D"	"E"
-01	26.60 [1.047]	21.00 [0.827]	19.00 [0.748]	19.00 [0.748]	21.70 [0.854]
-04	40.60 [1.598]	35.00 [1.378]	33.00 [1.299]	33.00 [1.299]	35.70 [1.406]
-08	57.60 [2.268]	52.00 [2.047]	50.00 [1.969]	50.00 [1.969]	52.70 [2.075]
-16	90.60 [3.567]	85.00 [3.346]	83.00 [3.268]	83.00 [3.268]	85.70 [3.374]

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- DIMENSIONS MEASURED TIP TO TIP.
- MINIMUM PUSHOUT FORCE: SIGNAL: 2.2N, WELD TAB: 4.45N.
- MATING CARD MUST HAVE LEAD-IN. SEE SAMTEC FOOTPRINT FOR SPECIFICATIONS.
- FOR QUANTITIES UP TO 49 PCS., NO LEADER, TRAILER OR REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PCS., NO LEADER OR TRAILER WILL BE SUPPLIED, SPLICES MAY BE PRESENT.
- 01, -04, -08 LANES PARTS TO BE PACKAGED IN TAPE & REEL, -16 LANES PARTS TO BE PACKAGED IN TRAY.

FIG 1

PCIE-LP-01-01-X-DV-A-XX SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [0.1]
X.XX: ±0.13 [0.05]
X.XXX: ±0.051 [0.020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
INSULATOR: LCP, UL 94 V0, COLOR: BLACK
CONTACT: PHOS BRONZE
WELD TAB: BRASS ALLOY

DESCRIPTION:
PCI EXPRESS LOW PROFILE ASSEMBLY
DWG. NO.
PCIE-LP-XX-01-X-DV-A-XX-XX
BY: JESSIE W 6/30/2016 SHEET 1 OF 2

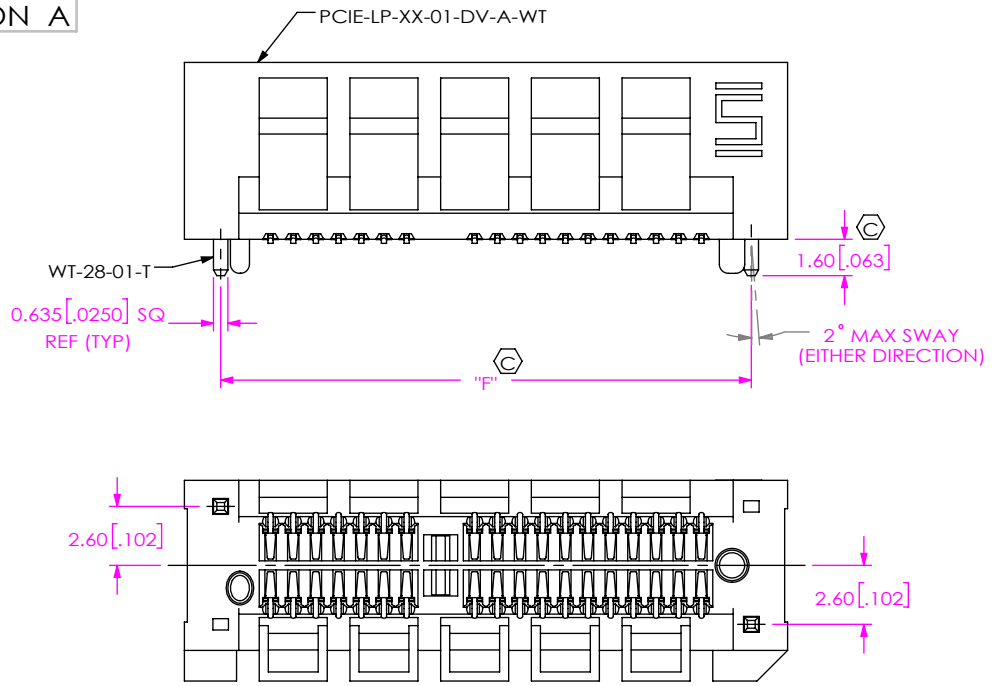
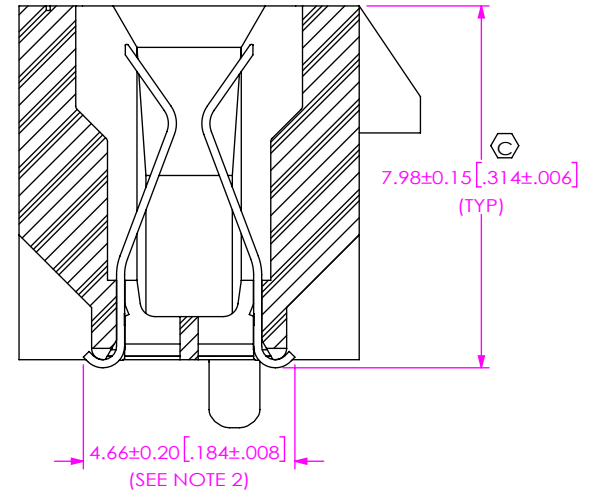


FIG 2
 PCIE-LP-01-01-X-DV-A-WT-XX SHOWN
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 2		
No OF LANES	"F"	"G"
-01	23.40 [.921]	8.80 [.346]
-04	37.40 [1.472]	15.80 [.622]
-08	54.40 [2.142]	24.30 [.957]
-16	87.40 [3.441]	40.80 [1.606]



IN-PROCESS 1
 (FILL C-428-01-X)

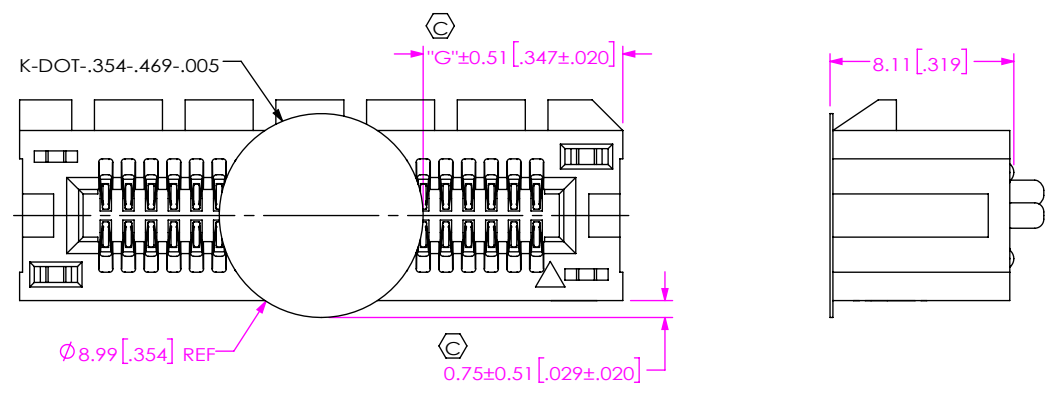


FIG 3
 PCIE-LP-01-01-X-DV-A-K-XX SHOWN
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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DO NOT SCALE DRAWING
 SHEET SCALE: 3:1

DESCRIPTION:
 PCI EXPRESS LOW PROFILE ASSEMBLY
 DWG. NO.
PCIE-LP-XX-01-X-DV-A-XX-XX
 BY: JESSIE W 6/30/2016 SHEET 2 OF 2