

DO NOT SCALE FROM THIS PRINT

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[.038] MAX.
3. LATCH RETENTION FORCE: 1.000LB[4.45N].
4. POSITION 2 THRU 6 TO BE IN BULK PACKING, ALL OTHER SIZES TO BE IN TUBES.
5. GATE PADS ARE RECESSED, LOCATION IS AT MOLDERS DISCRETION.
6. NYLON MATERIALS ARE HYGROSCOPIC. PRODUCT MAY EXPAND UP TO 0.5% DEPENDING ON CONDITIONS OF THE SURROUNDING ENVIRONMENT. ALL PRINT DIMENSIONS REPRESENT "DRY AS MOLDED" STATE.
7. POSITIONS -02 THROUGH -05 DO NOT HAVE VOIDS.
8. VOIDING AT VENDOR'S DISCRETION, BUT ANY CHANGES TO VOIDING WILL NEED TO BE APPROVED BY SAMTEC ENGINEERING.

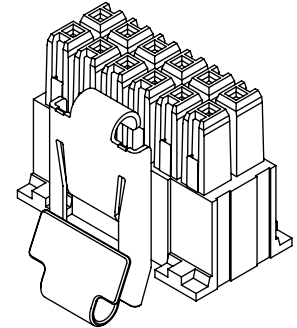
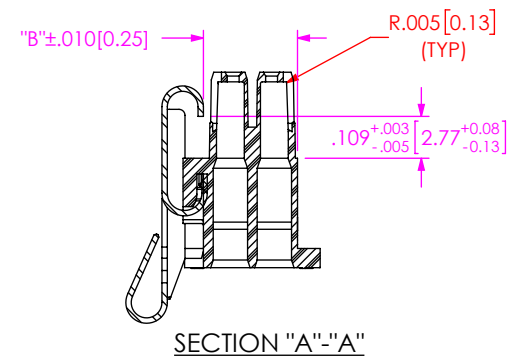
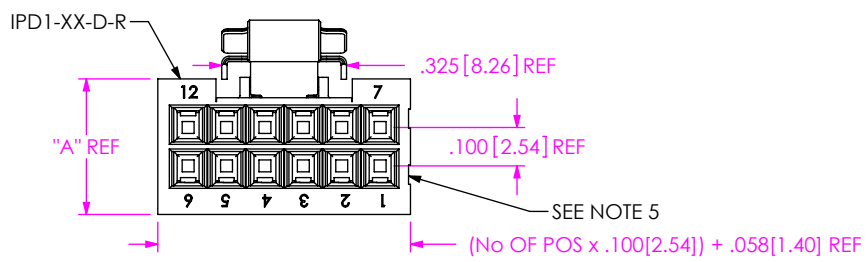
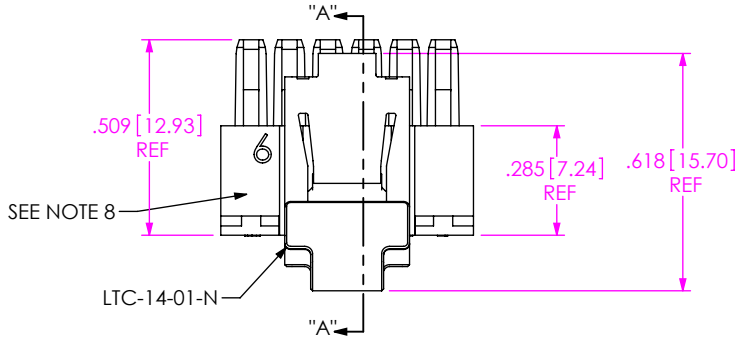
IPD1-XX-X-XX-X

No OF POSITIONS
-02 THRU -25 (PER ROW)

ROW SPECIFICATION
-S: SINGLE
-D: DOUBLE

LATCH OPTION
-M: METAL LATCH (SEE FIG 1)
(LEAVE BLANK FOR PLASTIC LATCH, SEE FIG 8 & FIG 10, SHT 2)

OPTION
** -P: POLARIZED (SEE FIG 2)
(NOT AVAILABLE WITH -K, -GP OPTIONS)
(LEAVE BLANK FOR NO POLARIZATION)
-K: KEYED POLARIZATION (SEE FIG 3)
(NOT AVAILABLE WITH -P, -GP OPTIONS)
** -GP: GUIDE POSTS (SEE FIG 5, SHT 2)
(NOT AVAILABLE WITH -P, -K OPTIONS)
* ** -H: HORIZONTAL (SEE FIG 7, SHT 2)
(* = NOT RELEASED FOR PRODUCTION)
(** = -P, -GP & -H OPTION AVAILABLE ON -D ONLY)



ROW SPECS	"A"	"B"	"C"	"D"
-S	.300 [7.62]	.210 [5.33]	.213 [5.41]	.403 [10.24]
-D	.353 [8.97]	.245 [6.22]	.267 [6.77]	.451 [11.46]

FIG 1
(IPD1-06-D-M SHOWN)

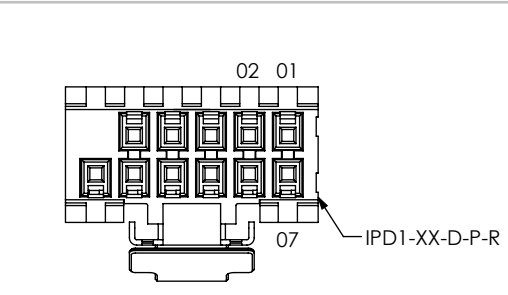


FIG 2
(IPD1-06-D-P-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

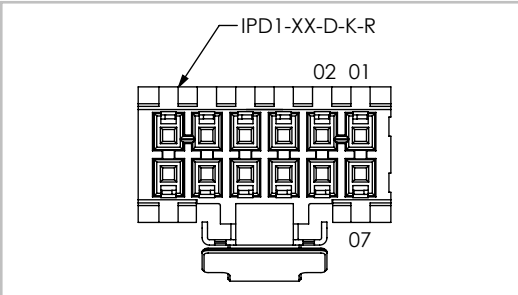


FIG 3
(IPD1-06-D-K-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

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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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

ROW SPECIFICATION -S INSULATOR: NYLON, UL 94 V2
ROW SPECIFICATION -D INSULATOR: NYLON, UL 94 V0
LATCH: NICKEL-PLATED BeCu, #25, 1/2 HT

F:\DWG\MISC\MKTG\IPD1-XX-X-XX-X-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:
.100[2.54] DISCRETE WIRE INSULATOR & LATCH ASM

DWG. NO. IPD1-XX-X-XX-X

BY: T NEWTON 03/12/2008 SHEET 1 OF 3

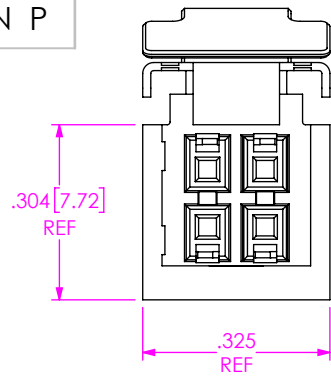


FIG 4
(IPD1-02-D-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

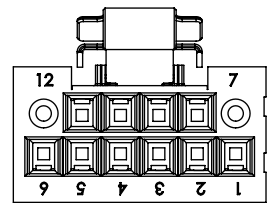
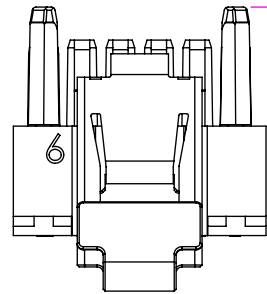
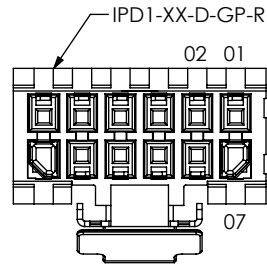


FIG 5
(IPD1-06-D-GP-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

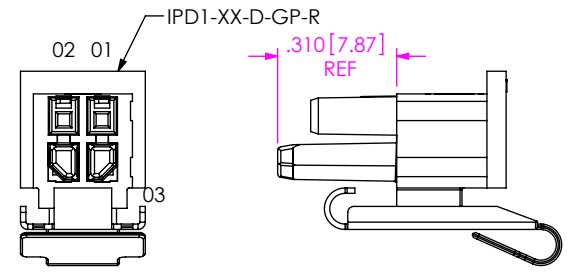


FIG 6
(IPD1-02-D-GP-M SHOWN)
(SAME AS FIG 4, UNLESS OTHERWISE STATED)

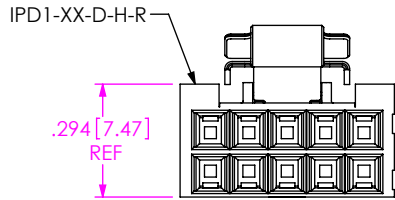


FIG 7
(IPD1-05-D-H-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

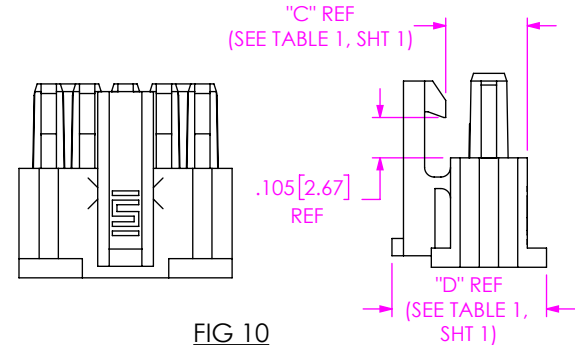
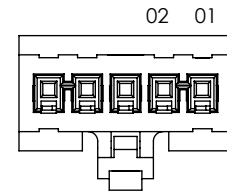


FIG 10
(IPD1-05-S-K SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

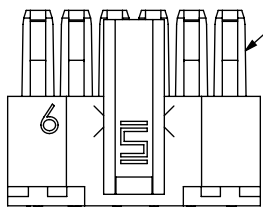
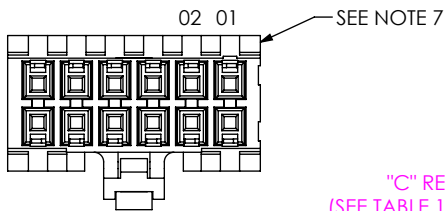


FIG 8
(IPD1-06-D-K SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

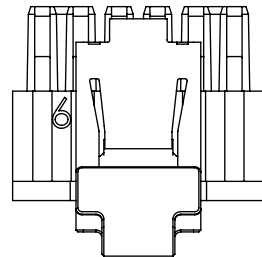
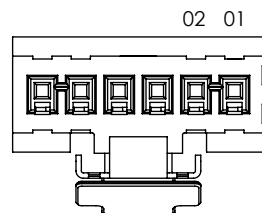
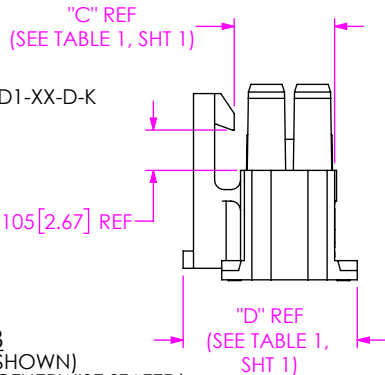


FIG 9
(IPD1-06-S-K-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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

DESCRIPTION:
.100[2.54] DISCRETE WIRE INSULATOR & LATCH ASM

DWG. NO. IPD1-XX-X-XX-X

BY: T NEWTON 03/12/2008 SHEET 2 OF 3

TABLE 2	
No OF POS	"E"
-02	.325 [8.26]
-03	.425 [10.80]

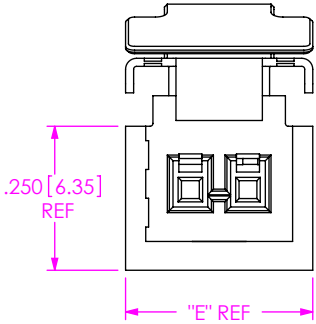
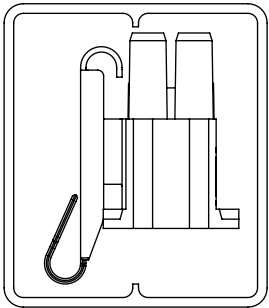
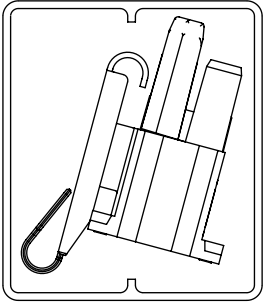


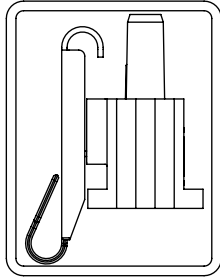
FIG 11
(IPD1-02-S-K-M SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



-D ROW
TUBE: PT-1-24-04-56
PLUG: TP-25



-D-GP
TUBE: PT-1-24-04-56
PLUG: TP-25



-S ROW
TUBE: PT-1-24-02-112
PLUG: TP-28

PACKAGING VIEW
(SEE NOTE 4)

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