

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.

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)

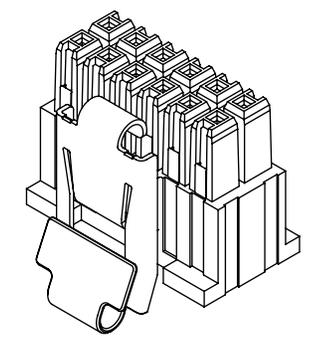
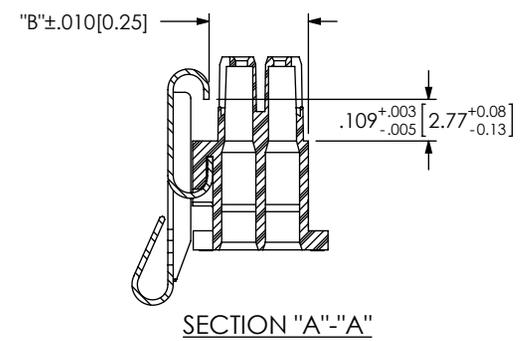
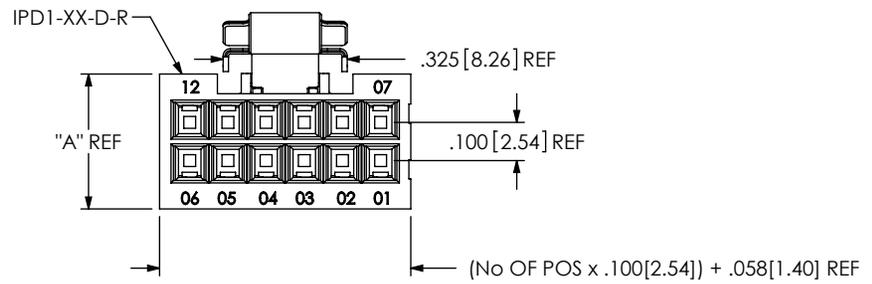
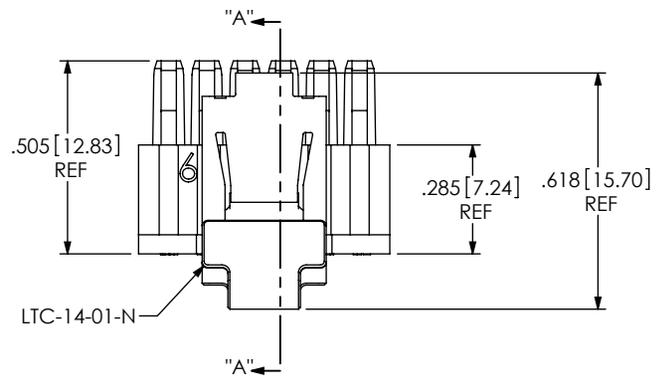
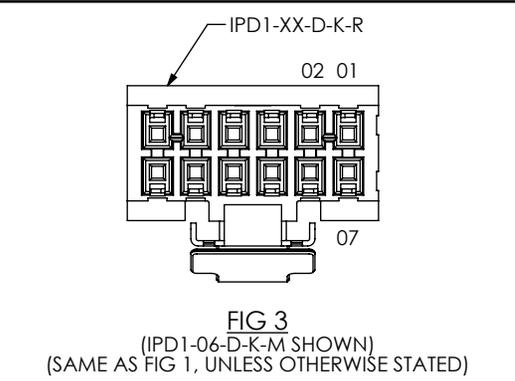
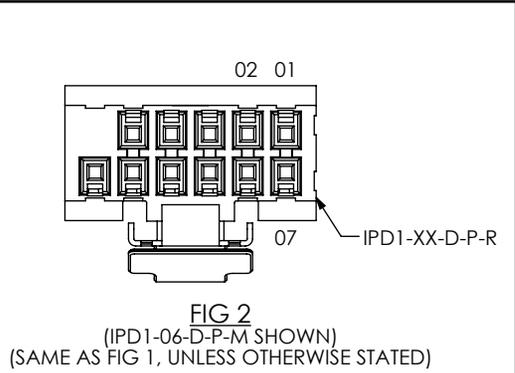


FIG 1  
(IPD1-06-D-M SHOWN)

TABLE 1				
ROW SPECS	"A"	"B"	"C"	"D"
-S	.300 [7.62]	.210 [5.33]	.213 [5.41]	.403 [10.24]
-D	.353 [8.97]	.260 [6.60]	.267 [6.77]	.451 [11.46]



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  
INSULATOR: NYLON, UL 94 V2  
LATCH: NICKEL-PLATED BeCu, #25, 1/2 HT

**samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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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

REVISION J

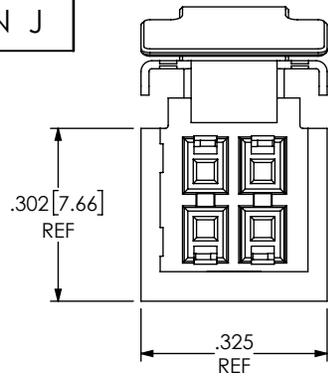


FIG 4  
(IPD1-02-D-M SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

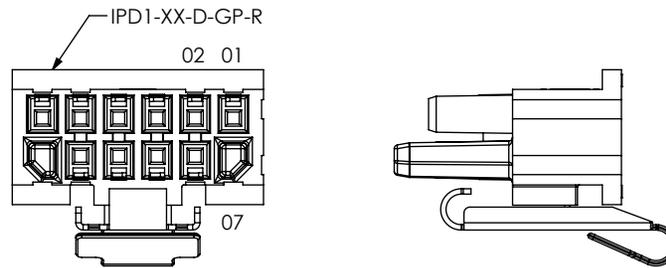


FIG 5  
(IPD1-06-D-GP-M SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

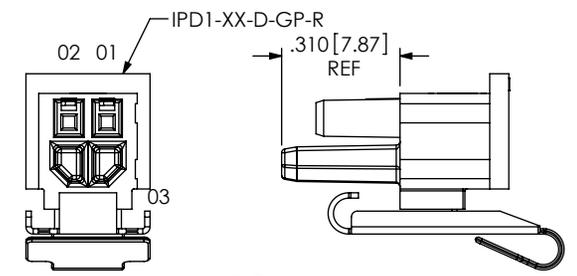


FIG 6  
(IPD1-02-D-GP-M SHOWN)  
(SAME AS FIG 4, UNLESS OTHERWISE STATED)

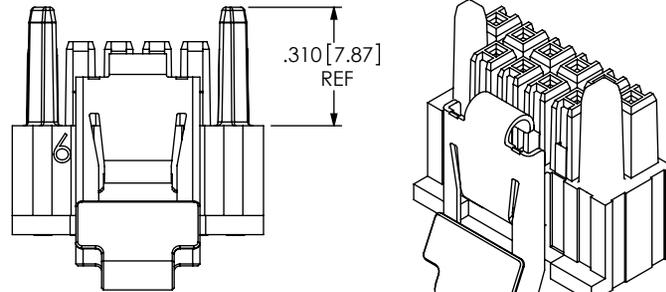


FIG 7  
(IPD1-05-D-H-M SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

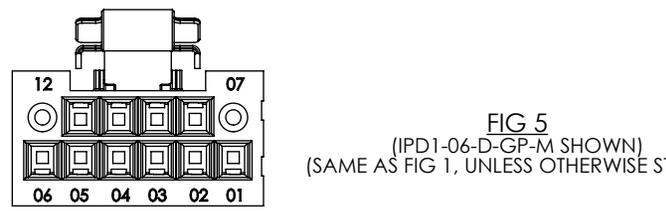


FIG 8  
(IPD1-06-D-K SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

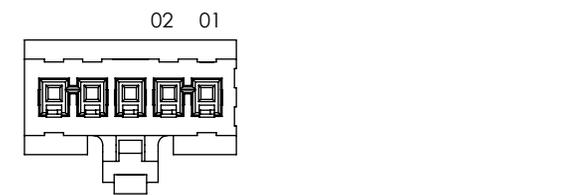


FIG 9  
(IPD1-06-S-K-M SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

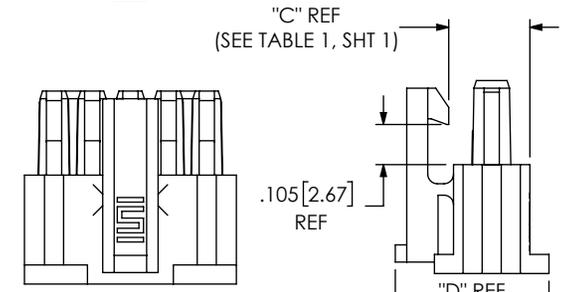
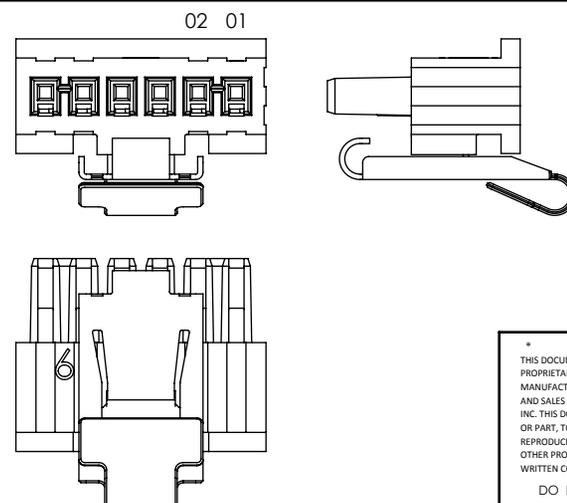
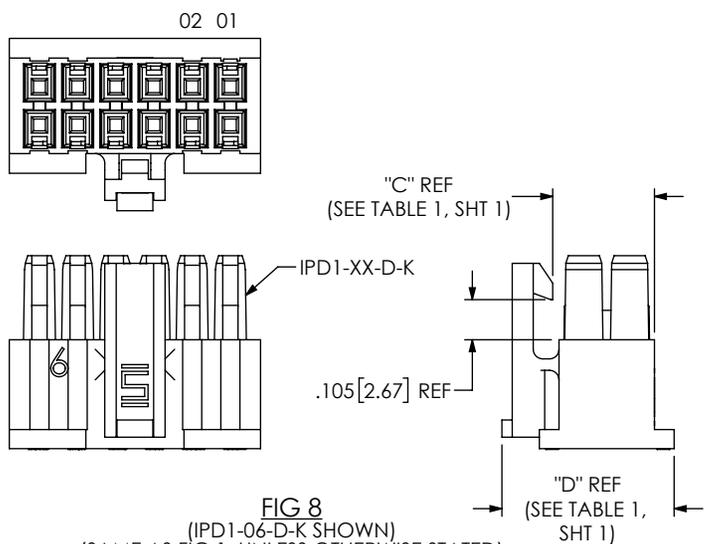


FIG 10  
(IPD1-05-S-K SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



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DO NOT SCALE DRAWING

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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

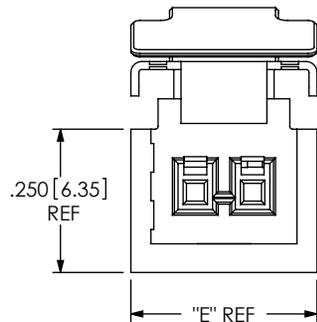
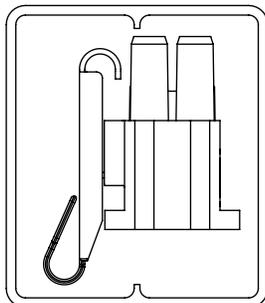
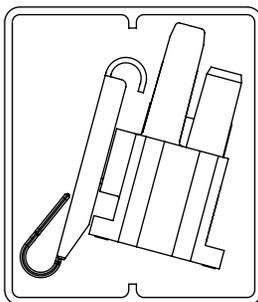


TABLE 2	
No OF POS	"E"
-02	.325 [8.26]
-03	.425 [10.80]

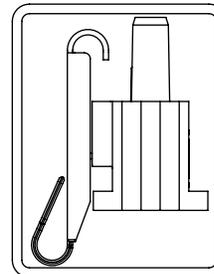
FIG 11  
(IPD1-02-S-K-M SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



-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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SHEET SCALE: 2.5:1



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