

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .003[0.08] MAX.
3. PARTS TO BE MOLDED TO POSITION.
4. MINIMUM PULLOUT FORCE: 5 lbs [2.22 N].
5. CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS INTO PLACE.
6. ALL FINISHED GOODS ARE TO BE ELECTRICAL TESTED INCLUDING HI-POT TEST.
7. TINNED COPPER WIRE CONTAINS LEAD.
8. PARTS ARE TO BE LAYER PACKAGED.
9. CONTACTS OFFSET FOR POLARIZATION.

DO NOT SCALE FROM THIS PRINT

MMSS-XX-XX-X-XX.XX-X-X-XXX

No OF POSITIONS
-02 THRU -10

WIRE GAUGE (AWG)
-20
-22
-24
-26
-28
-30

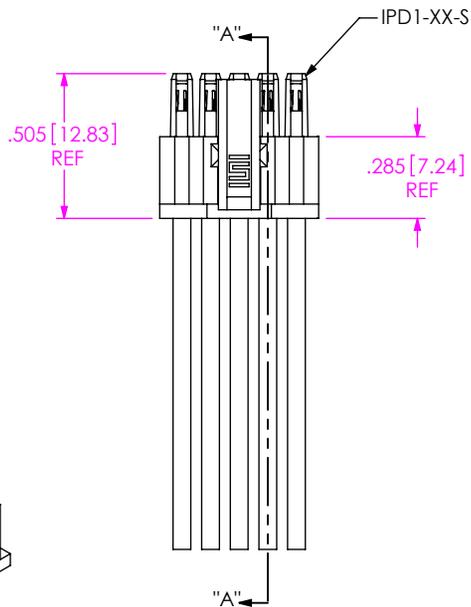
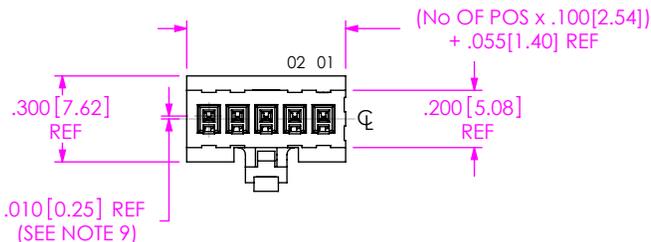
OPTION
[AVAILABLE ON -D END OPTION ONLY & APPLIES TO END 2 HOUSING]
-LUS: LATCH UP, STRAIGHT
-LDS: LATCH DOWN, STRAIGHT

OPTION
 D *K: KEYED POLARIZATION (USE IPD1-XX-S-K) (SEE FIG. 3, SHEET 2)

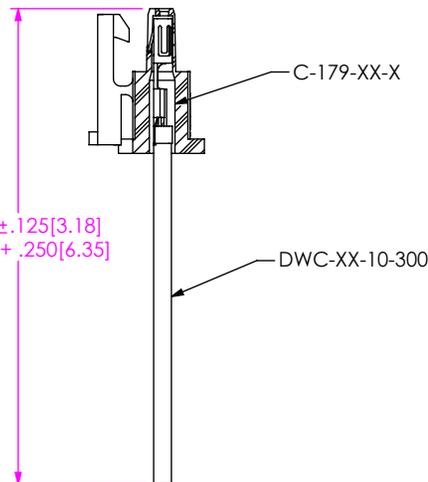
END OPTION
-S: SINGLE END
-D: DOUBLE END (MUST CHOOSE FROM LAST SET OF OPTIONS.)

PLATING SPECIFICATION
-F: FLASH SELECTIVE (USE C-179-XX-F)
-L: LIGHT SELECTIVE (USE C-179-XX-L)
-S: SELECTIVE (USE C-179-XX-S)

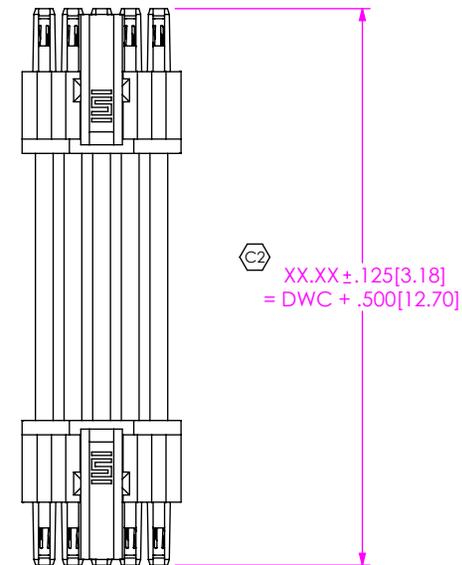
ASSEMBLED LENGTH
SPECIFY IN INCHES [USE DWC-XX-XX]
(SINGLE END: 03.00[76.2] INCH MINIMUM,
DOUBLE END: 03.25[82.6] INCH MINIMUM)



C1 $XX.XX \pm .125 [3.18]$
 $= \text{DWC} + .250 [6.35]$



SECTION "A"-"A"



C2 $XX.XX \pm .125 [3.18]$
 $= \text{DWC} + .500 [12.70]$

* NOT RELEASED FOR PRODUCTION

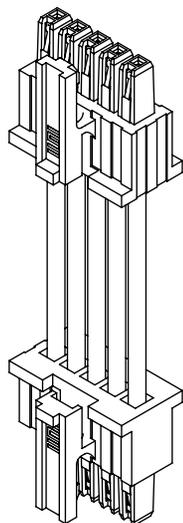


FIG. 1
MMSS-05-22-X-XX.XX-S SHOWN

FIG. 2
MMSS-05-22-X-XX.XX-D-LUS SHOWN

TABLE 1		
WIRE GAUGE	CABLE	CONTACT
20 AWG	DWC-20-10-300	C-179-03-X
22 AWG	DWC-22-10-300	C-179-03-X
24 AWG	DWC-24-10-300	C-179-03-X
26 AWG	DWC-26-10-300	C-179-02-X
28 AWG	DWC-28-10-300	C-179-02-X
30 AWG	DWC-30-10-300	C-179-02-X

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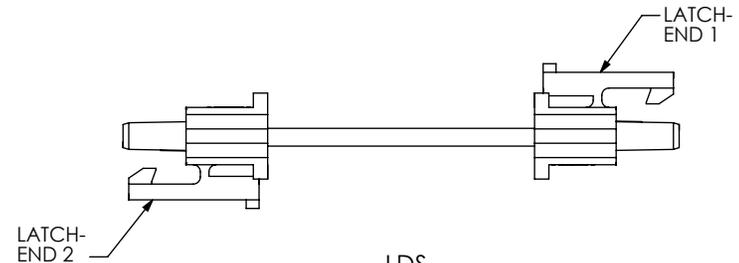
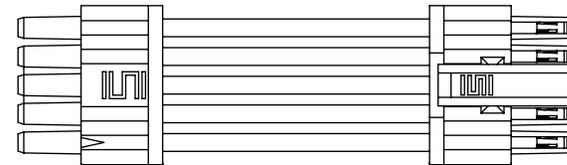
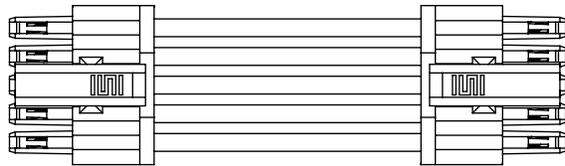
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1
HOUSING: NYLON 6/6, COLOR: WHITE
CONTACT: PHOS BRONZE
CABLE: INSULATION: PVC
WIRE: TINNED COPPER

DESCRIPTION:
.100[2.54] SOCKET DISCREET CABLE ASSEMBLY

DWG. NO.
MMSS-XX-XX-X-XX.XX-X-X-XXX

BY: DEAN P 05/03/2005 SHEET 1 OF 2



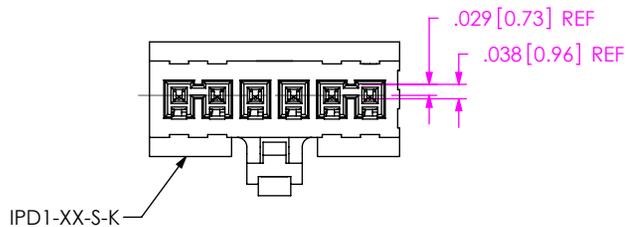
-LUS
[LATCH UP- CABLE STRAIGHT]

-LDS
[LATCH DOWN- CABLE STRAIGHT]

FIG. 3 D

-K: KEYED POLARIZATION
(MMSS-06-XX-X-XX.XX-X-K-XXX SHOWN)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)

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SHEET SCALE: 1.5:1



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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.100[2.54] SOCKET DISCREET CABLE ASSEMBLY
DWG. NO.
MMSS-XX-XX-X-XX.XX-X-X-XXX
BY: DEAN P 05/03/2005 SHEET 2 OF 2