

NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .003[.08] MAX.
3. PARTS TO BE MOLDED TO POSITION.
4. MINIMUM PULLOUT FORCE: 4 lbs.
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.

DO NOT SCALE FROM THIS PRINT

MMSD-XX-XX-X-XX.XX-X-XXX

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

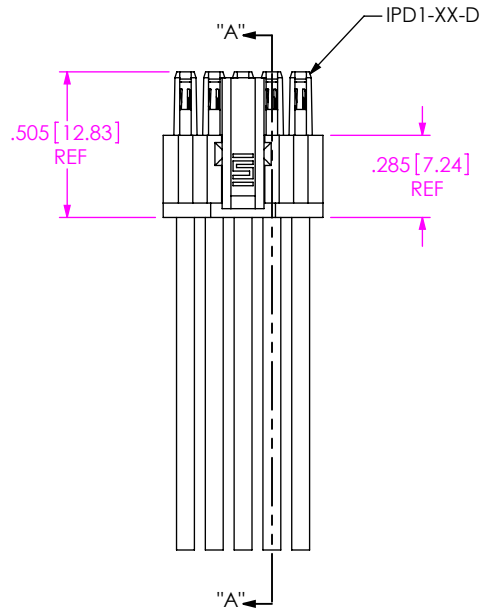
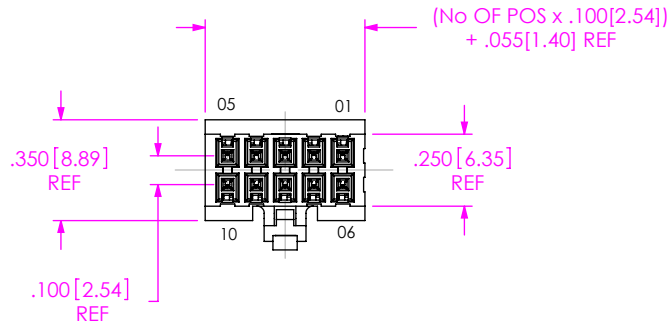
WIRE GAUGE (AWG)  
-20  
-22  
-24  
-26  
-28  
-30

OPTION (SEE SHEET 2)  
\* -LUS: LATCH UP, STRAIGHT  
\* -LDS: LATCH DOWN, STRAIGHT  
\* -LUX: LATCH UP, CROSSED  
\* -LDX: LATCH DOWN, CROSSED  
\* -P: POLARIZATION (NOT AVAILABLE WITH -LUS, -LDS, -LUX OPTIONS)  
**E**  
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)

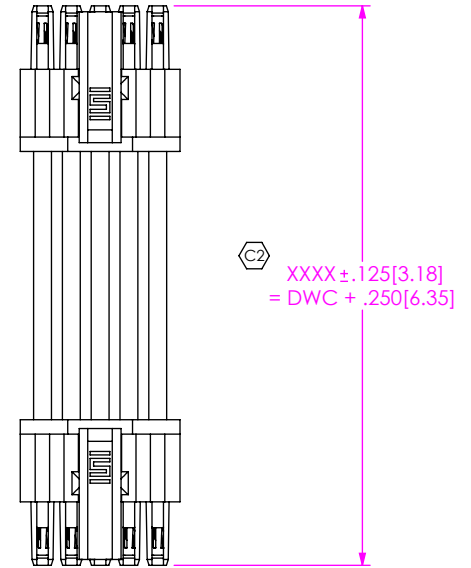
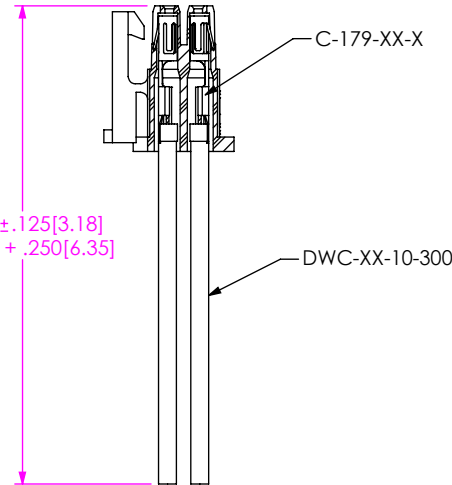
ASSEMBLED LENGTH  
SPECIFY IN INCHES [USE DWC-XX-XX]  
(SINGLE END: 03.00 INCH MINIMUM,  
DOUBLE END: 03.25 INCH MINIMUM)

\* AVAILABLE ON -D END OPTION ONLY  
& APPLIES TO END 2 HOUSING



(C)  $XXXX \pm .125 [3.18]$   
= DWC + .250 [6.35]

SECTION "A"-"A"



(C)  $XXXX \pm .125 [3.18]$   
= DWC + .250 [6.35]

FIG. 1  
MMSD-05-22-X-XXXX-S SHOWN

FIG. 2  
MMSD-05-22-X-XXXX-D SHOWN

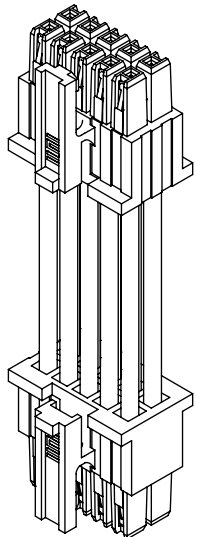


TABLE 1		
WIRE GAUGE	CABLE	CONTACT
20 AWG	DWC-20-10-300	C-179-03-X
22 AWG	DWC-22-10-300	C-179-03-X
24 AWG	DWC-24-10-300	C-179-03-X
26 AWG	DWC-26-10-300	C-179-02-X
28 AWG	DWC-28-10-300	C-179-02-X
30 AWG	DWC-30-10-300	C-179-02-X

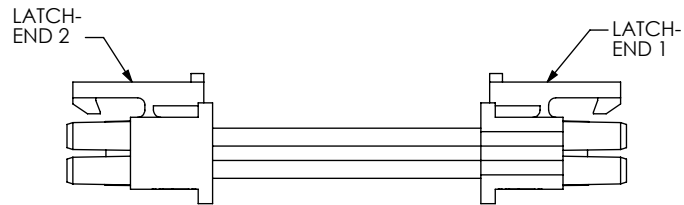
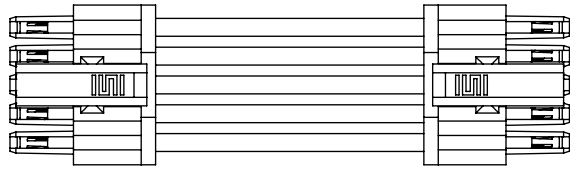
UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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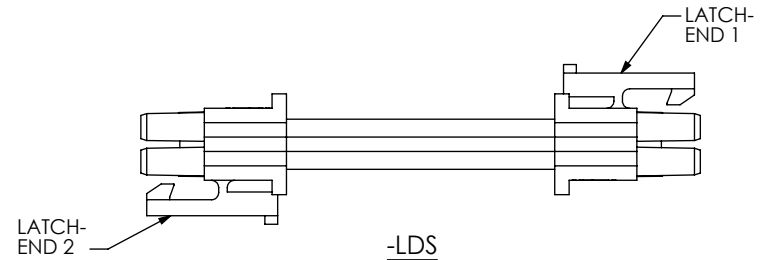
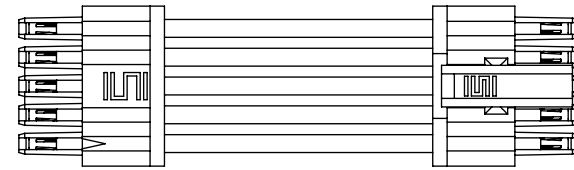
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1  
HOUSING: NYLON 66, COLOR: WHITE  
CONTACT: PHOS BRONZE  
CABLE: INSULATION: PVC  
WIRE: TINNED COPPER

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

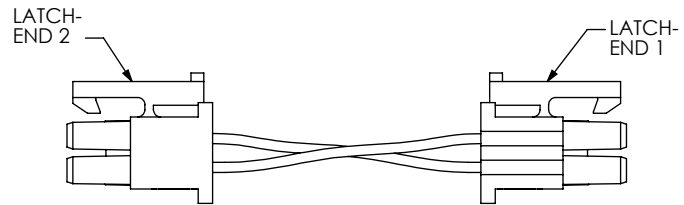
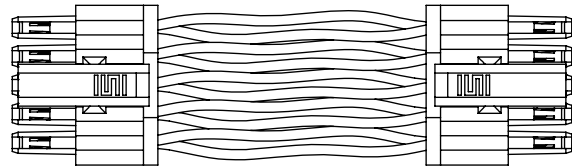
DESCRIPTION:  
.100 [2.54] SOCKET DISCREET CABLE ASSEMBLY  
DWG. NO.  
**MMSD-XX-XX-X-XX.XX-X-XXX**



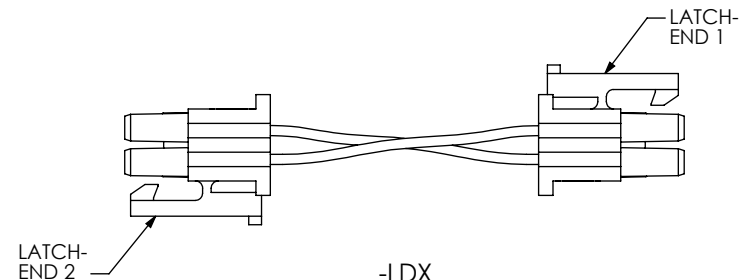
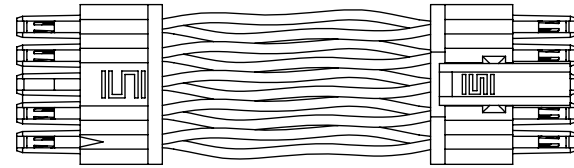
-LUS  
[LATCH UP- CABLE STRAIGHT]



-LDS  
[LATCH DOWN- CABLE STRAIGHT]



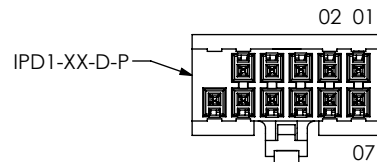
-LUX  
[LATCH UP- CABLE CROSSED]



-LDX  
[LATCH DOWN- CABLE CROSSED]

-P **E**

(NOT AVAILABLE WITH -LUS, -LDS, -LUX OPTIONS)



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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1



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] SOCKET DISCREET CABLE ASSEMBLY

DWG. NO.  
MMSD-XX-XX-X-XX.XX-X-XXX

BY: DEAN P 07/16/2004 SHEET 2 OF 2