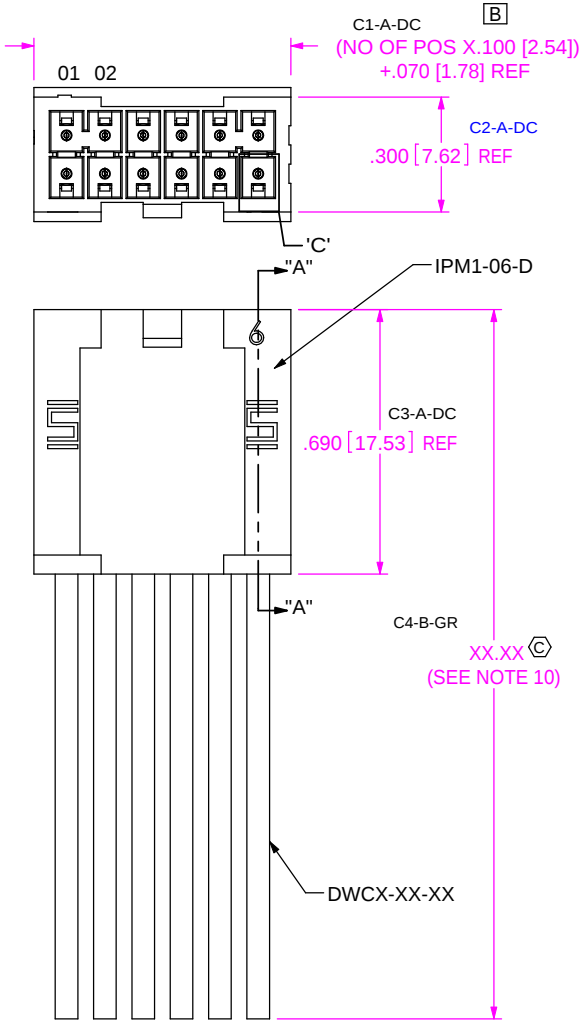


FIG. 1
MMTD-06-20-X-X-XX.XX-S SHOWN

DO NOT
SCALE FROM
THIS PRINT



MMTXX-XX-XX-X-X-XX.XX-X-XXX

ROW OPTION
-D: DOUBLE
-S: SINGLE (SEE SHT 3, FIG. 4)

PTFE CABLE OPTION
-T: PTFE
(LEAVE BLANK FOR
STANDARD PVC INSULATION)

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

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

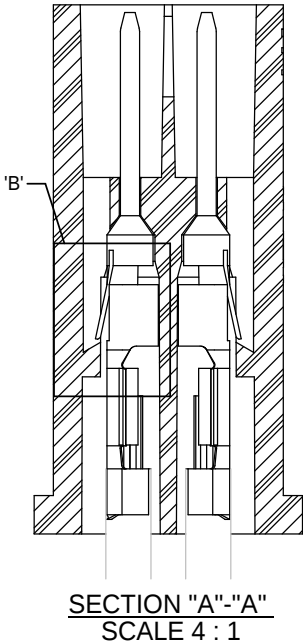
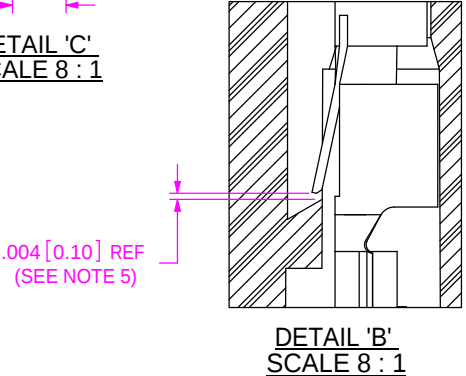
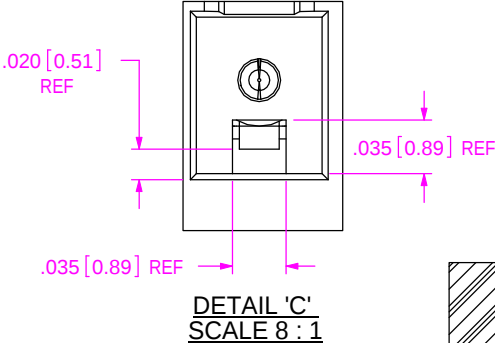
COLOR CODE
-C (SEE TABLE 2)
(LEAVE BLANK FOR
STANDARD BLACK CABLE)
(NOT AVAILABLE WITH PTFE OPTION)

PLATING SPECIFICATION
-F: FLASH SELECTIVE (USE T-1M74-XX-F)
-L: LIGHT SELECTIVE (USE T-1M74-XX-L)
-S: SELECTIVE (USE T-1M74-XX-S)

OPTION
(MUST BE USED ON -D END OPTION ONLY
& APPLIES TO END 2 HOUSING)
-TUS: TRANSFER LATCH UP, STRAIGHT
(SEE FIG.2, SHEET 2)
-TDS: TRANSFER LATCH DOWN, STRAIGHT
(SEE FIG.3, SHEET 2)

END OPTION
-S: SINGLE END
-D: DOUBLE END(MUST CHOOSE TUS OR TDS OPTIONS.)

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



- NOTES:
1. © REPRESENTS A CRITICAL DIMENSION.
 2. NOTE DELETED
 3. NOTE DELETED
 4. MINIMUM PULLOUT FORCE: 0.5 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 @ 1000 VOLTS DC.
 7. TINNED COPPER WIRE CONTAINS LEAD.
 8. PARTS ARE TO BE LAYER PACKAGED.
 9. MMTX: SEE DWL-12-XX-X-XX.XX-XX-XX FOR CRIMP DIMENSIONS. C6-B-MM MMTXT: SEE DWLT-12-XX-X-XX.XX-XX-XX.
 10. FOR LENGTHS LESS THAN 12 IN[304.8], TOLERANCE SHALL BE ±.125[3.18]. FOR OTHER LENGTHS, TOLERANCES SHALL BE ± 2%.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [.3] 2° .XXX: ±.005 [.13] .XXXX: ±.0020 [.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	 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 HOUSING: NYLON 6/6, COLOR: WHITE CONTACT: PHOS BRONZE CABLE: INSULATION: SEE CALLOUT WIRE: TINNED COPPER	SHEET SCALE 2:1	DESCRIPTION: .100[2.54] TERMINAL DISCRETE CABLE ASSEMBLY DWG. NO. MMTXX-XX-XX-X-X-XX.XX-X-XXX BY: D. SCHMELZ 12/04/2008 SHEET 1 OF 3

c:\enterprise\dwg\misc\mktg\MMTXX-XX-XX-X-X-XX.XX-XXX-MKT-SLDRW

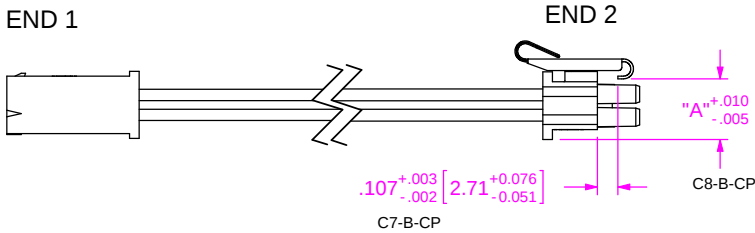
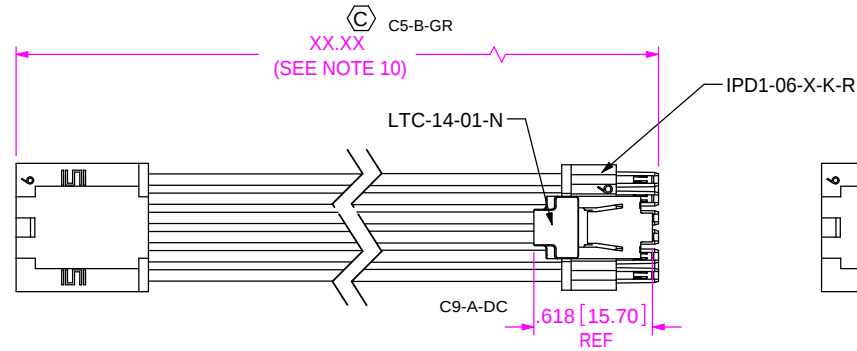


FIG.2
-TUS
(TRANSFER, LATCH UP, STRAIGHT)
(SAME AS FIG.1 UNLESS OTHERWISE STATED)

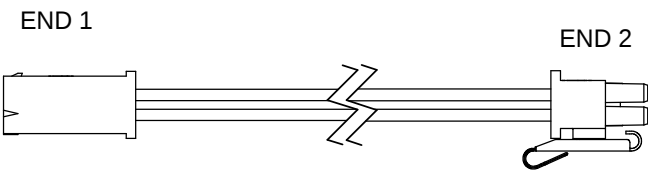
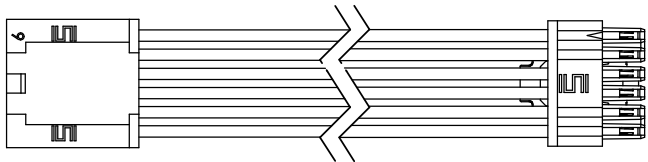


FIG.3
-TDS
(TRANSFER, LATCH DOWN, STRAIGHT)
(SAME AS FIG.2, UNLESS OTHERWISE STATED)

TABLE 1

SERIES	WIRE GAUGE	CABLE	TERMINAL	CONTACT
MMTXX	20 AWG	DWC-20-XX-300	T-1M74-02-X	C-179-03-X
MMTXX	22 AWG	DWC-22-XX-300	T-1M74-02-X	C-179-03-X
MMTXX	24 AWG	DWC-24-XX-300	T-1M74-02-X	C-179-03-X
MMTXX	26 AWG	DWC-26-XX-300	T-1M74-01-X	C-179-02-X
MMTXX	28 AWG	DWC-28-XX-300	T-1M74-01-X	C-179-02-X
MMTXX	30 AWG	DWC-30-XX-300	T-1M74-01-X	C-179-02-X
MMTXT	24AWG	DWCT-24-XX	T-1M74-02-X	C-179-03-X
MMTXT	28AWG	DWCT-28-XX	T-1M74-03-X	C-179-04-X
MMTXT	30AWG	DWCT-30-XX	T-1M74-03-X	C-179-04-X

TABLE 2

MMTXX COLOR CODED WIRE SEQUENCE										
PIN#	COLOR									
	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	BLACK
1	2	3	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	

TABLE 3

ROW	IPD1-XX-X-K-R	"A"
MMTDX	IPD1-XX-D-K-R	.260[6.60]
MMTSX	IPD1-XX-S-K-R	.160[4.06]

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SHEET SCALE 2:1

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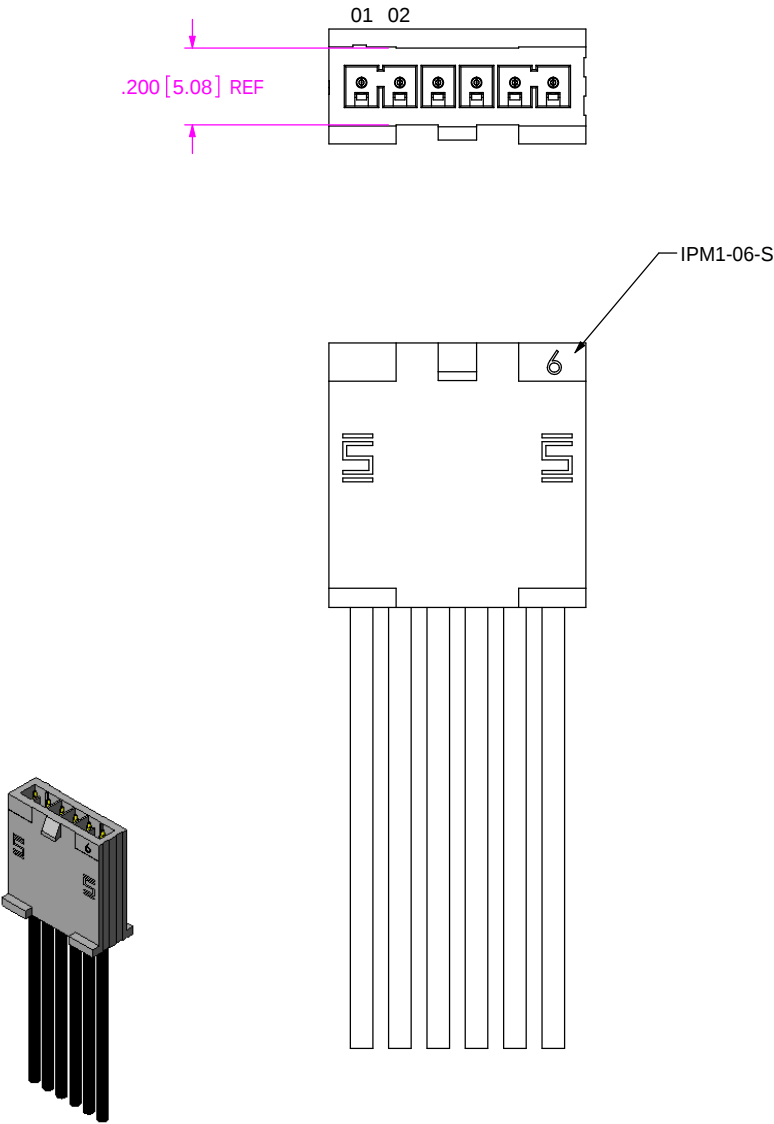
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.100[2.54] TERMINAL DISCRETE CABLE ASSEMBLY

DWG. NO.
MMTXX-XX-XX-X-X-XX.XX-X-XXX

BY: D. SCHMELZ 12/04/2008 SHEET 2 OF 3

FIG. 4
MMTS-06-20-X-XX.XX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



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		DESCRIPTION: .100[2.54] TERMINAL DISCRETE CABLE ASSEMBLY	
		DWG. NO. MMTXX-XX-XX-X-X-XX.XX-X-XXX	
		BY: D. SCHMELZ 12/04/2008 SHEET 3 OF 3	