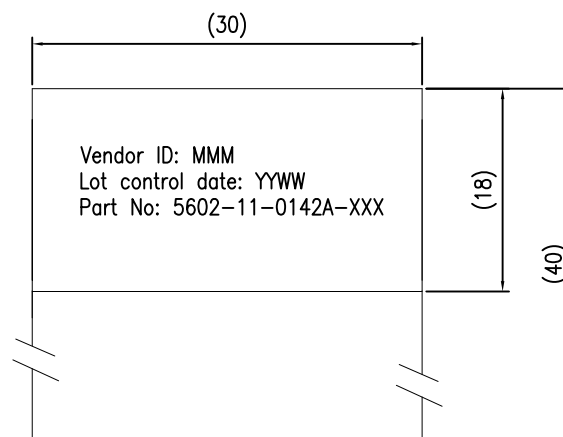
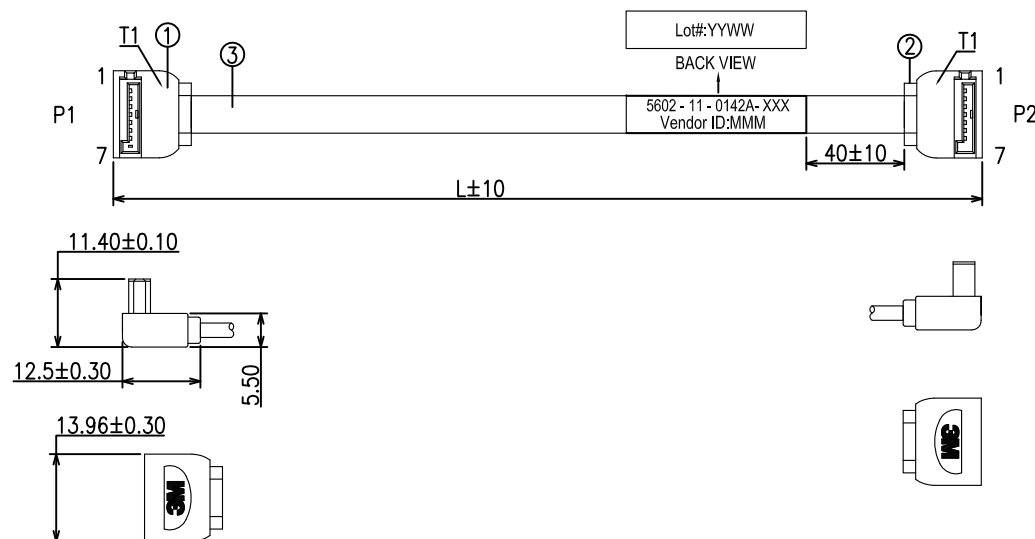


REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
A	ECO-0037492	05/09/11



NOTES :

- Regulatory Information.
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of WWW.3Mconnectors.com compliance information (RIA E1 & C1 apply)
- For custom cable length, contact 3M sales rep.
- Cable drawing : 78-5100-2414-0
- Product Specification: PS-0117.
- This unique cable construction has thin Aluminum inner layer exposed at each edge. users should assess the risk in their specific application. Insulating tape may be applied at the cable assembly level, as needed to cover this exposed edge in risk areas.
- PVC overmoulding and PE Inner moulding at both ends.
- Product meets SATA 3.0 specifications.

PART NUMBER SELECTION

5602-11-0142A-XXX

Length in mm,000 refers to 1000mm.

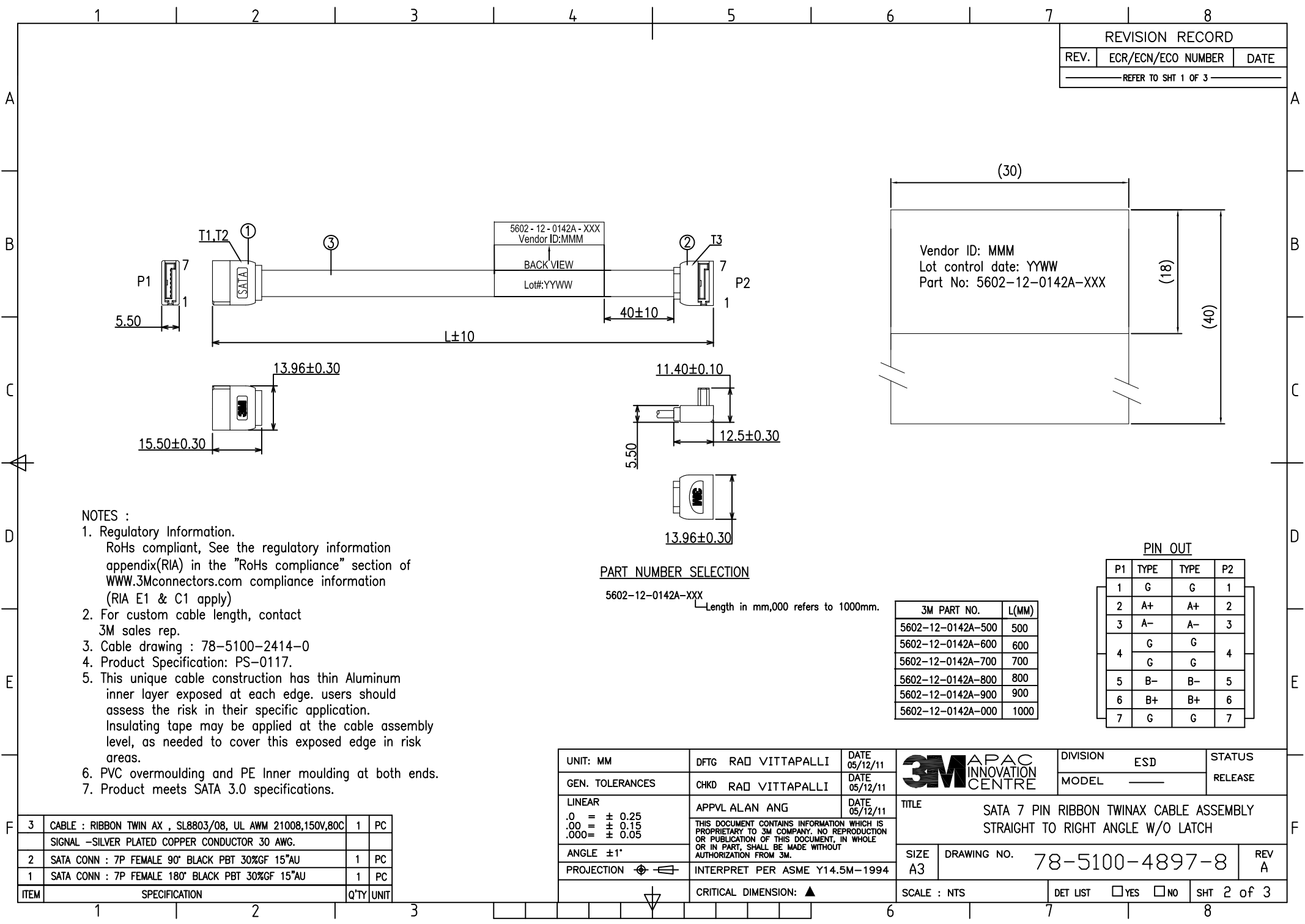
3M PART NO.	L(MM)
5602-11-0142A-500	500
5602-11-0142A-600	600
5602-11-0142A-700	700
5602-11-0142A-800	800
5602-11-0142A-900	900
5602-11-0142A-000	1000

PIN OUT

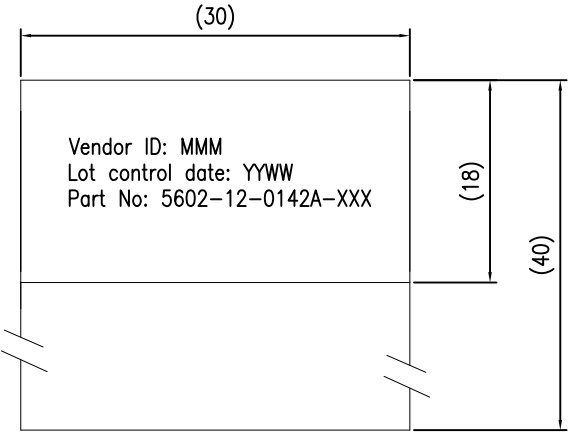
P1	TYPE	TYPE	P2
1	G	G	1
2	A+	A+	2
3	A-	A-	3
4	G	G	4
5	B-	B-	5
6	B+	B+	6
7	G	G	7

3	CABLE : RIBBON TWIN AX , SL8803/08, UL AWM 21008,150V,80C	1	PC
	SIGNAL -SILVER PLATED COPPER WITH 30 AWG.		
2	SATA CONN : 7P FEMALE 90° BLACK PBT30% 15"AU	1	PC
1	SATA CONN : 7P FEMALE 90° BLACK PBT30% 15"AU	1	PC
ITEM	SPECIFICATION	Q'TY	UNIT

UNIT: MM	DFTG RAD VITTAPALLI	DATE 05/12/11			DIVISION ESD	STATUS RELEASE	
GEN. TOLERANCES	CHKD RAD VITTAPALLI	DATE 05/12/11			MODEL		
LINEAR .0 = ± 0.25 .00 = ± 0.15 .000 = ± 0.05	APPVL ALAN ANG	DATE 05/12/11	TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY RIGHT TO RIGHT ANGLE W/O LATCH				
ANGLE ±1°	THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M.		SIZE A3	DRAWING NO. 78-5100-4897-8	REV A		
PROJECTION	INTERPRET PER ASME Y14.5M-1994		SCALE : NTS		DET LIST	☐ YES ☐ NO	SHT 1 of 3
	CRITICAL DIMENSION: ▲						



REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
REFER TO SHT 1 OF 3		



- NOTES :
- Regulatory Information.
RoHs compliant, See the regulatory information appendix(RIA) in the "RoHs compliance" section of WWW.3Mconnectors.com compliance information (RIA E1 & C1 apply)
 - For custom cable length, contact 3M sales rep.
 - Cable drawing : 78-5100-2414-0
 - Product Specification: PS-0117.
 - This unique cable construction has thin Aluminum inner layer exposed at each edge. users should assess the risk in their specific application. Insulating tape may be applied at the cable assembly level, as needed to cover this exposed edge in risk areas.
 - PVC overmoulding and PE Inner moulding at both ends.
 - Product meets SATA 3.0 specifications.

PART NUMBER SELECTION

5602-12-0142A-XXX
Length in mm,000 refers to 1000mm.

3M PART NO.	L(MM)
5602-12-0142A-500	500
5602-12-0142A-600	600
5602-12-0142A-700	700
5602-12-0142A-800	800
5602-12-0142A-900	900
5602-12-0142A-000	1000

PIN OUT			
P1	TYPE	TYPE	P2
1	G	G	1
2	A+	A+	2
3	A-	A-	3
4	G	G	4
5	B-	B-	5
6	B+	B+	6
7	G	G	7

ITEM	SPECIFICATION	Q'TY	UNIT
3	CABLE : RIBBON TWIN AX , SL8803/08, UL AWM 21008,150V,80C SIGNAL -SILVER PLATED COPPER CONDUCTOR 30 AWG.	1	PC
2	SATA CONN : 7P FEMALE 90° BLACK PBT 30%GF 15*AU	1	PC
1	SATA CONN : 7P FEMALE 180° BLACK PBT 30%GF 15*AU	1	PC

UNIT: MM	DFTG RAD VITTAPALLI	DATE 05/12/11	3M APAC INNOVATION CENTRE		DIVISION ESD	STATUS	
GEN. TOLERANCES	CHKD RAD VITTAPALLI	DATE 05/12/11			MODEL	RELEASE	
LINEAR .0 = ± 0.25 .00 = ± 0.15 .000 = ± 0.05	APPVL ALAN ANG	DATE 05/12/11	TITLE SATA 7 PIN RIBBON TWINAX CABLE ASSEMBLY STRAIGHT TO RIGHT ANGLE W/O LATCH				
ANGLE ±1°	THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M.		SIZE A3	DRAWING NO. 78-5100-4897-8		REV A	
PROJECTION 	INTERPRET PER ASME Y14.5M-1994		SCALE : NTS		DET LIST ☐ YES ☐ NO	SHT 2 of 3	
	CRITICAL DIMENSION: 						

