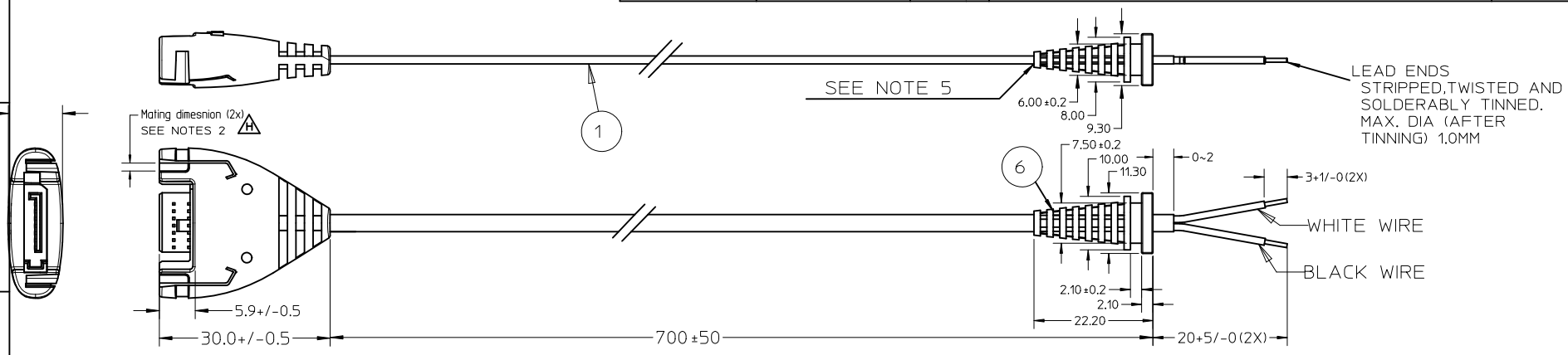
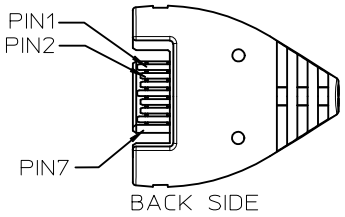
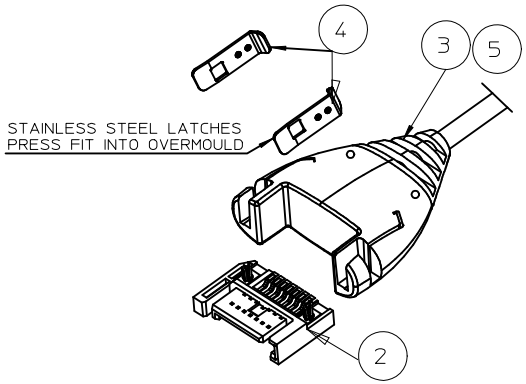
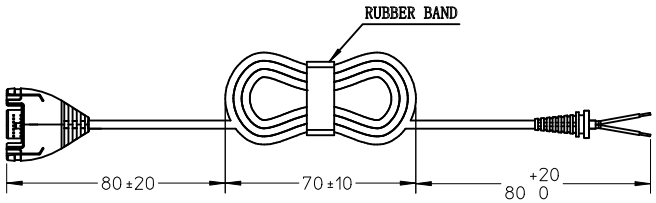
EC NO	DATE	REV	DESCRIPTION	CHANGER
CY11-6393	2011/03/23	H	CHANGE NOTES 2	JACKEY









NOTES:
1. 100% OPEN, SHORT & MISS WIRE TEST REQUIED.
   (CONDUCTOR RESISTANCE <0.3 Ohm)
2. MATING PLACE DIMENSION OF LATCH NEED DO 100% CHECK WITH 1.37MM GO-NO-GO GAUGE. H
3. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.
4. RELIABILITY TEST:ELECTRICAL CONNECTION MUST BE MAINTAINED WITH MATING PART (1200-0302) MX P/N:687640118 AFTER MIN 2000 CYCLES (TEST DONE AT A MAXIMUM RATE OF 200 CYCLES PER HOUR
5. MECHANICAL TEST SPEC:
   5.1 FLEX LIFE REQUIREMENT FOR SR OF THE PIGTAIL
   BEND CYCLES: 5000 CYCLES MIN.
   BENDING ANGLE : ±90°; SPEED:20 TIMES/MIN.;
   LOAD:200g; RADIUS:0
   5.2 SR OF THE PIGTAIL SHOULD ENDURE A TENSILE FORCE FOR 10N/1MIN.
6. PRODUCT NEED TO BE FOLLOWED PACKING DRAWING BEFORE SHIPPING.
7. UL LABEL IS STICKED ON THE CARTON BOX.
8. RAW CABLE & INNER RESIN NO UL CERTIFICATION.

PULL FORCE REQUIREMENT FOR CABLE/WIRE	
ITEM	MIN FORCE
LATCH WITH MATING PART(1200-0302A)	10KG/60S MIN
CABLES/OVERMOLDS	6KG/60S MIN

WIRE DIAGRAM		ITEM	DESCRIPTION	MATERIAL/FINISH	L(mm)	QTY
		1	CABLE	80°C 30V 1Px0.3mm OD:3.5mm	740ref.	1
		2	CONNECTOR	MOLEX SATA		1
		3	OVERMOLD	45P PVC - COLOUR BLACK	A/R	1
P1	COLOR	4	METAL LATCH	STAINLESS STEEL		2
Pin 1	WHITE	5	INNERMOLD	PE RESIN	A/R	1
Pin 2	BLACK	6	OVERMOLD	PVC RESIN 63 SHORE A BLACK	A/R	1

ENTER DESCRIPTION
EC NO: DG2011-0399 2011/04/14
DRWN:FZHANG01 2011/04/14
CHKD:JACKE 2011/04/19
APPR:ZXDENG 2011/04/19
DESCRIPTION
REV H

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: - - -
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	FZHANG01	2011/04/14
CHECKED BY	PDAI	2011/04/14
APPROVED BY	ZXDENG	2011/04/19

TITLE: BMR CHARGER ASSEMBLY 1200-0304A

MOLEX INCORPORATED

MATERIAL NO. 687640119
DOCUMENT NO. SD-68764-0119
SHEET NO. 1 OF 1
SIZE A3

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