

CABLE CONSTRUCTION

WIRING DIAGRAM

SIGNAL NAME	CONTACT #	SHERLOCK CONNECTOR (HOST)	MINI-B INLINE (TARGET)	CONTACT #	SIGNAL NAME
		WIRE COLORS	WIRE COLORS		
VBUS	5	RED	RED	1	VBUS
D-	4	WHITE	WHITE	2	D-
D+	3	GREEN	GREEN	3	D+
SIGNAL SHIELDING	2	SIGNAL SHIELDING DRAIN WIRE		4	SIGNAL SHIELDING
GND	1	BLACK	BLACK	5	GND
CABLE BRAID	2			SHELL	CABLE BRAID

- NOTES:
- PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER 13, DATED 06-APR-06; TEMP CLASS "-40-85°C".
  - PART MUST CONFORM TO THE LATEST LEVEL OF SAE/USCAR-30 & USB 2.0.
  - ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
  - GENERAL TOLERANCES: ±0.25 ALL ONE PLACE DIMENSIONS, ±0.15 ALL TWO PLACE DIMENSIONS, AND ±0.5° ALL ANGULAR DIMENSIONS.
  - 0.3MM MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
  - PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
  - IDENTIFICATION LABEL MUST DISPLAY CUSTOMER PART NUMBER, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD), REVISION AND LOGO.
  - LEAD FREE, NO ROHS EXEMPTIONS.
  - FINISHES: USB INLINE: TERMINAL: SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS = 0.75 MICROMETER (30 MICROINCH) MINIMUM OVER NICKEL (Ni) OVERALL; THICKNESS = 1.25 MICROMETER (50 MICROINCH) MINIMUM.

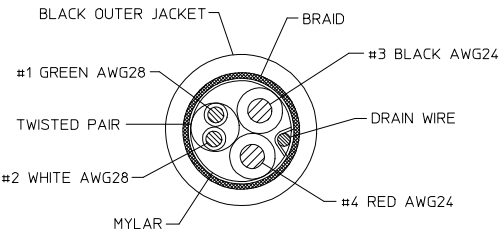
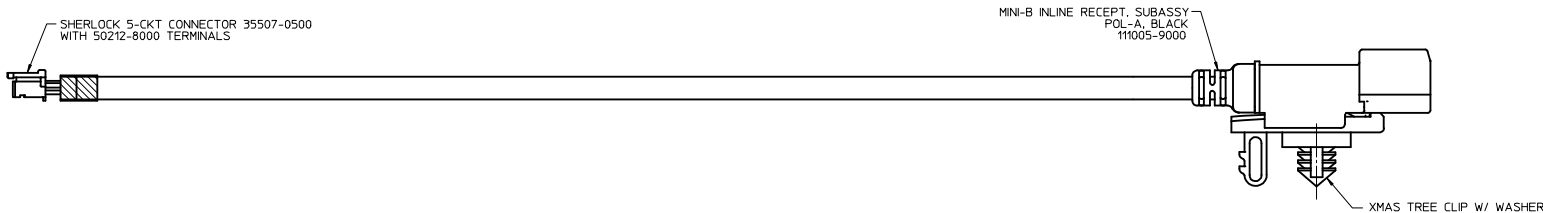
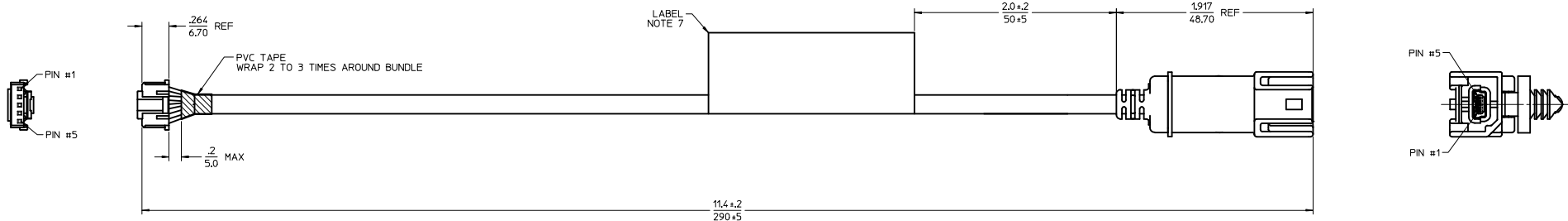
28170923  
 MOLEX P/N REV YYYMMDDX  
 Made in China  
 MOLEX LOGO  
 MOLEX P/N REV YYYMMDDX  
 28170923

LABEL FORMAT

LAST LETTER OF DATE CODE "X":  
 'D' = DAY SHIFT, 'N' = NIGHT SHIFT  
 © BAR CODE = CUSTOMER MATERIAL NUMBER

MOLEX MATERIAL NUMBER	CUSTOMER PART NO.
111005-3100	28170923

UPDATED LABEL FORMAT IEC NO: CPG2014-3204 DRAWN/HSU01 2014/04/22 CHECKED/JPAWLICKI 2014/04/22 APPR/RTSAL 2014/04/23	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): DIMENSION STYLE: IN/MM SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	DRAWN BY: J.REEVES DATE: 2008/04/16 CHECKED BY: J.REEVES DATE: 2008/04/16 APPROVED BY: K.MONROE DATE: 2008/04/16	TITLE: USB CABLE ASSEMBLY SHERLOCK 5-CKT CONN TO MINI-B INLINE POL-A molex
	MATERIAL NO: SEE CHART DOCUMENT NO: SD-111005-3100 SHEET NO: 1 OF 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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28170923  
 M O L E X P / N R E V Y Y Y Y M D D X  
 Made in China  
**M O L E X L O G O**  
 M O L E X P / N R E V Y Y Y Y M D D X

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		MATERIAL NO. SEE CHART DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DOCUMENT NO. SD-111005-3100	SHEET NO. 1 OF 1	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION