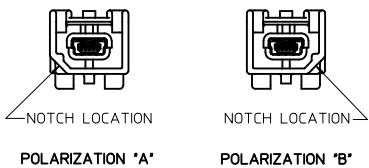
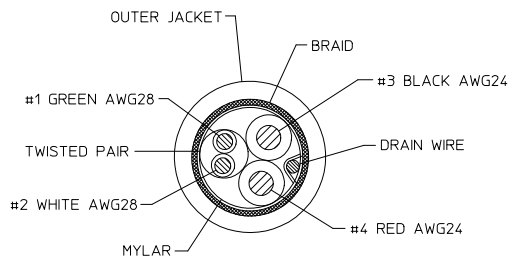
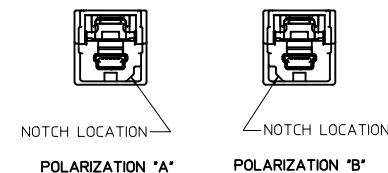


MINI-B INLINE RECEPTACLE POLARIZATION OPTIONS



MINI-B PLUG POLARIZATION OPTIONS



CABLE CONSTRUCTION

WIRING DIAGRAM

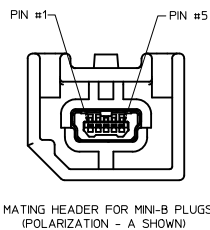
SIGNAL NAME	CONTACT #	MINI-B IN-LINE (HOST)	MINI-B PLUG (TARGET)	CONTACT #	SIGNAL NAME
		WIRE COLORS	WIRE COLORS		
VBUS	1	RED	RED	1	VBUS
D-	2	WHITE	WHITE	2	D-
D+	3	GREEN	GREEN	3	D+
ID	4	NO CONNECT		4	ID
GND	5	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

ASSEMBLY MATERIAL NUMBERS

MOLEX MAT. NO.	MINI-B PLUG POLARIZATION	MINI-B INLINE RECEPTACLE POLARIZATION	CUSTOMER PART NO.	DIM "A" (mm)
111005-1010	A	A		500±10
111005-1020	A	B		500±10
111005-1030	B	A		500±10
111005-1040	B	B		500±10
111005-1021	A	B		1120±10
111005-0250	A	B		250±10
111005-1933	B	A		740±10
111005-0450	B	B		450±10

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 PART MUST CONFORM TO THE LATEST LEVEL OF USB2.0.
- 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) AND LOGO.
- THIS PRODUCT MUST MEET ROHS COMPLIANCE.
- FINISHES: TERMINAL: SELECTIVE GOLD (Au) IN THE CONTACT AREA, THICKNESS = 0.75 MICROMETER (30 MICRORINCH) MINIMUM OVER NICKEL (Ni) OVERALL; THICKNESS = 1.25 MICROMETER (50 MICRORINCH) MINIMUM.



ADDED NOTE EEC NO.: USY2011-0022 DRAWN: HART INEZ 2010/07/14 CHECKED: J.PAUL LCKI 2010/07/14 APPROVED: KMONROE 2010/07/26 B2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.13</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	DIMENSION STYLE MM/IN SCALE 1.5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION
		mm	INCH															
	4 PLACES	±---	±---															
	3 PLACES	±---	±---															
2 PLACES	±0.13	±---																
1 PLACE	±0.25	±---																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY J.REEVES CHECKED BY J.REEVES APPROVED BY KMONROE DATE 2007/09/11 DATE 2007/09/11 DATE 2010/02/24	MATERIAL NO. SEE CHART DOCUMENT NO. SD-111005-1000	TITLE USB CABLE ASSEMBLY MINI-B PLUG TO MINI-B INLINE RECEPTACLE MOLEX INCORPORATED															
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 1																