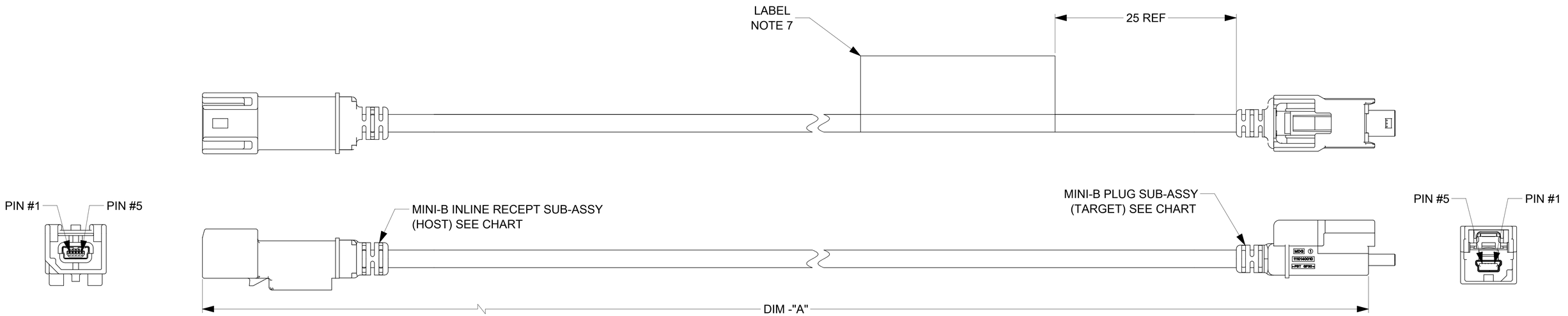
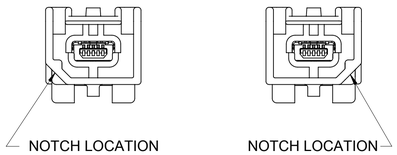


WIRING DIAGRAM

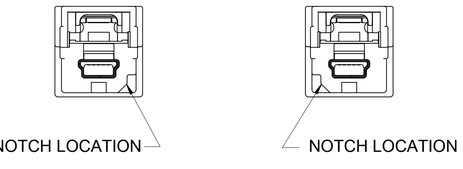
SIGNAL NAME	CONTACT #	MINI-B INLINE (HOST) WIRE COLORS	MINI-B PLUG (TARGET) WIRE COLORS	CONTACT #	SIGNAL NAME
VBUS	1	RED	RED	1	VBUS
D-	2	WHITE	WHITE	2	D-
D+	3	GREEN	GREEN	3	D+
NO CONNECT	4	NO CONNECT		4	NO CONNECT
GND	5	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

MINI-B INLINE RECEPTACLE POLARIZATION OPTIONS

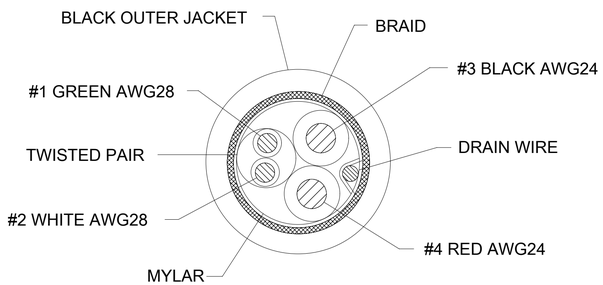


POLARIZATION "A" POLARIZATION "B"

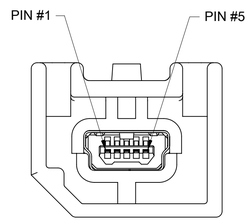
MINI-B PLUG POLARIZATION OPTIONS



POLARIZATION "A" POLARIZATION "B"



CABLE CONSTRUCTION



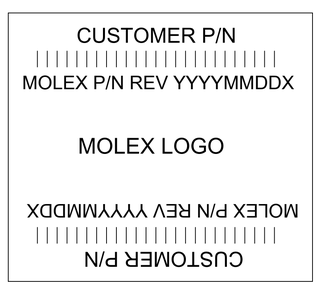
MATING HEADER FOR MINI-B PLUGS
(POLARIZATION - A SHOWN)

ASSEMBLY MATERIAL NUMBERS

MOLEX MAT. NO.	MINI-B INLINE POL (HOST)	MINI-B PLUG POL (TARGET)	DIM "A" (mm)
111005-0250	B	A	250±10
111005-0450	B	B	450±10
111005-1020	B	A	500±10
111005-1021	B	A	1120±10
111005-1933	A	B	740±10
111005-1934	A	A	700±10
E 111005-1935	A	A	1583±10

NOTES:

1. PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER 13, DATED 06-APR-06; TEMP CLASS "-40~85°C".
2. PART MUST CONFORM TO THE LATEST REVISION OF SAE/USCAR-30 & USB 2.0.
3. ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
4. GENERAL TOLERANCES: ±0.25 ALL ONE PLACE DIMENSIONS, ±0.15 ALL TWO PLACE DIMENSIONS, AND ±0.5° ALL ANGULAR DIMENSIONS.
5. 0.3MM MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
6. PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
7. IDENTIFICATION LABEL MUST DISPLAY CUSTOMER PART NUMBER, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD), REVISION, AND LOGO.
8. LEAD FREE, NO ROHS EXEMPTIONS.
9. FINISHES: 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.



LABEL FORMAT

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/28 02:41:19

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.13	±
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER

EC NO: 632260
DRWN: VLOKESHA 2020/02/13
CHK'D: GGA 2020/02/28
APPR: GGA 2020/02/28

INITIAL REVISION:
DRWN: J.REEVES 2007/09/11
APPR: KMONROE 2007/09/12

molex

USB CABLE ASSEMBLY
MINI-B INLINE RECEPTACLE TO MINI-B PLUG STRT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-111005-1000	PSD	001	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	111005	SEE CHART	GENERAL MARKET	1 OF 1