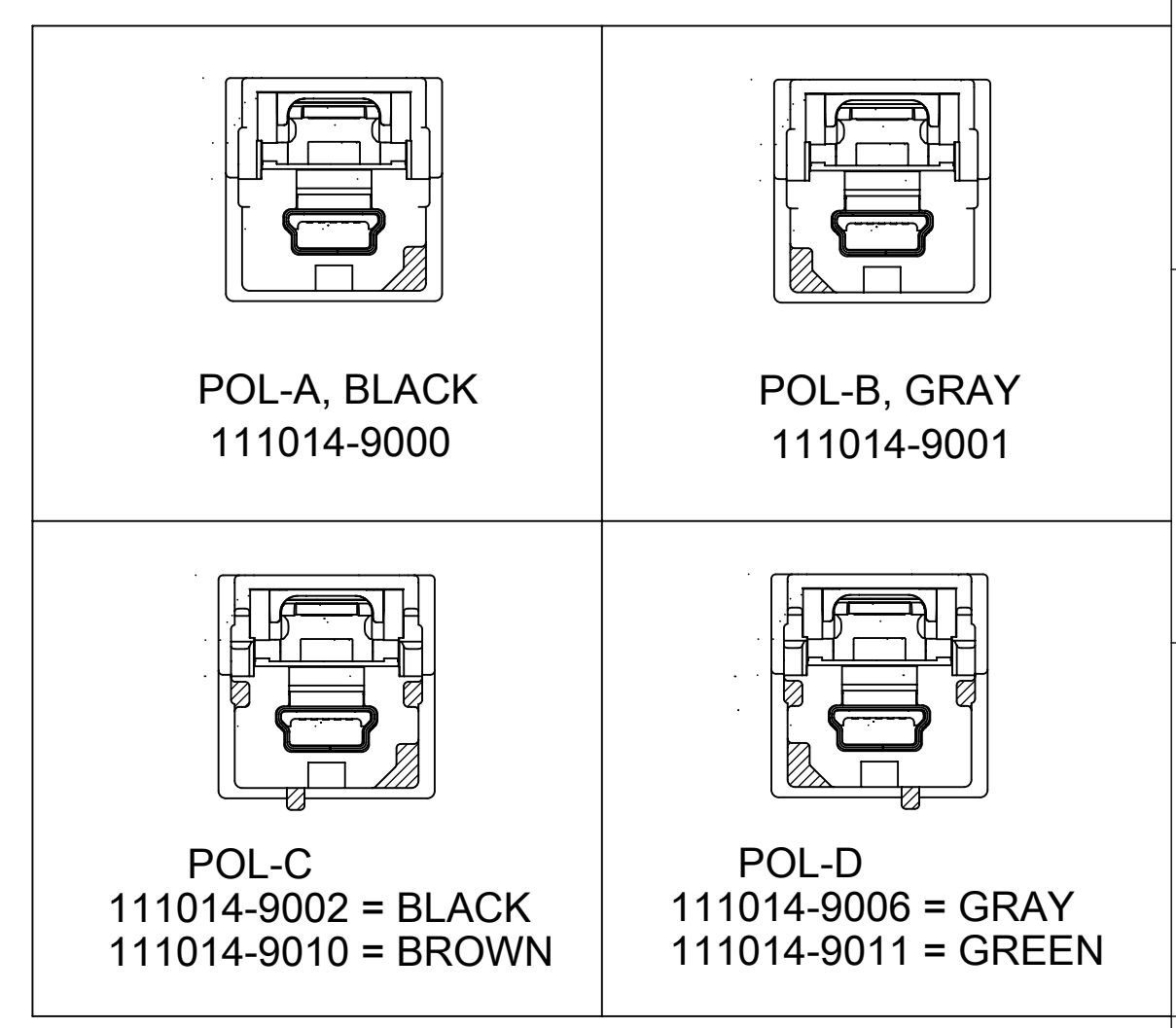


WIRING DIAGRAM

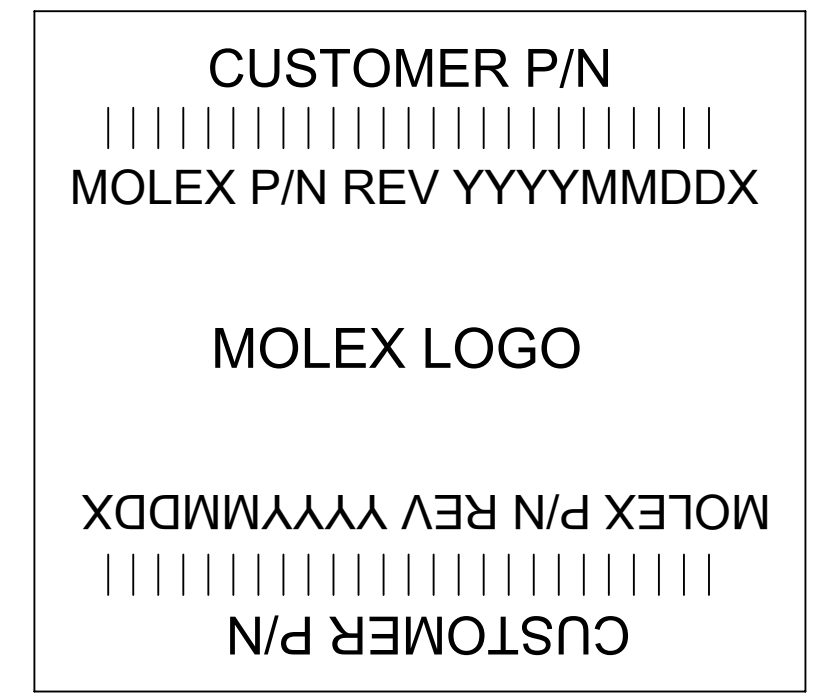
SIGNAL NAME	CONTACT #	COMM. STD-A PLUG (HOST)	MINI-B PLUG (TARGET)	CONTACT #	SIGNAL NAME
		WIRE COLORS	WIRE COLORS		
VBUS	1	RED	RED	1	VBUS
D-	2	WHITE	WHITE	2	D-
D+	3	GREEN	GREEN	3	D+
N/A	-	N/A	NO CONNECT	4	NO CONNECT
GND	4	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

POLARIZATION OPTIONS



- NOTES:
- PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER 13, DATED 06-APR-06; TEMP CLASS "-40~85°C".
 - UNLESS OTHERWISE SPECIFIED, PART MUST CONFORM TO THE LATEST LEVEL OF SAE/USCAR-30 AND 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 IF REQUIRED, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD), REVISION IF REQUIRED, AND LOGO.
 - LEAD FREE, NO ROHS EXEMPTIONS.
 - 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.
 - PACKAGING SPECIFICATION: PK-68800-001.

MOLEX MATERIAL NUMBER	MINI-B PLUG POLARIZATION	DIM "A"	TOLERANCE
111102-0002	POL-B	39.4/1000	±.4/±10
111102-0003	POL-C (-9002)	39.4/1000	
111102-0004	POL-D (-9006)	39.4/1000	
111102-0005	POL-B	94.5/2400	±.8/±20



LABEL FORMAT

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

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

DIMENSION UNITS IN/MM	SCALE 2:1	CURRENT REV DESC: OBSOLETE PART NUMBER	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 638770	
4 PLACES ±	±	DRWN: VLOKESHA	2020/06/09
3 PLACES ±	± 0.005	CHK'D: GGA	2020/07/21
2 PLACES ±	0.13 ± 0.01	APPR: GGA	2020/07/21
1 PLACE ±	0.25 ±	INITIAL REVISION:	
0 PLACES ±	±	DRWN: HMARTINEZ	2010/02/05
ANGULAR TOL ±	1.0 °	APPR: KMONROE	2010/02/24
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
			D-SIZE 111102
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-111102-001		PSD	001
MATERIAL NUMBER		CUSTOMER	REVISION
SEE CHART		GERNAL	D1
SHEET NUMBER		1 OF 1	