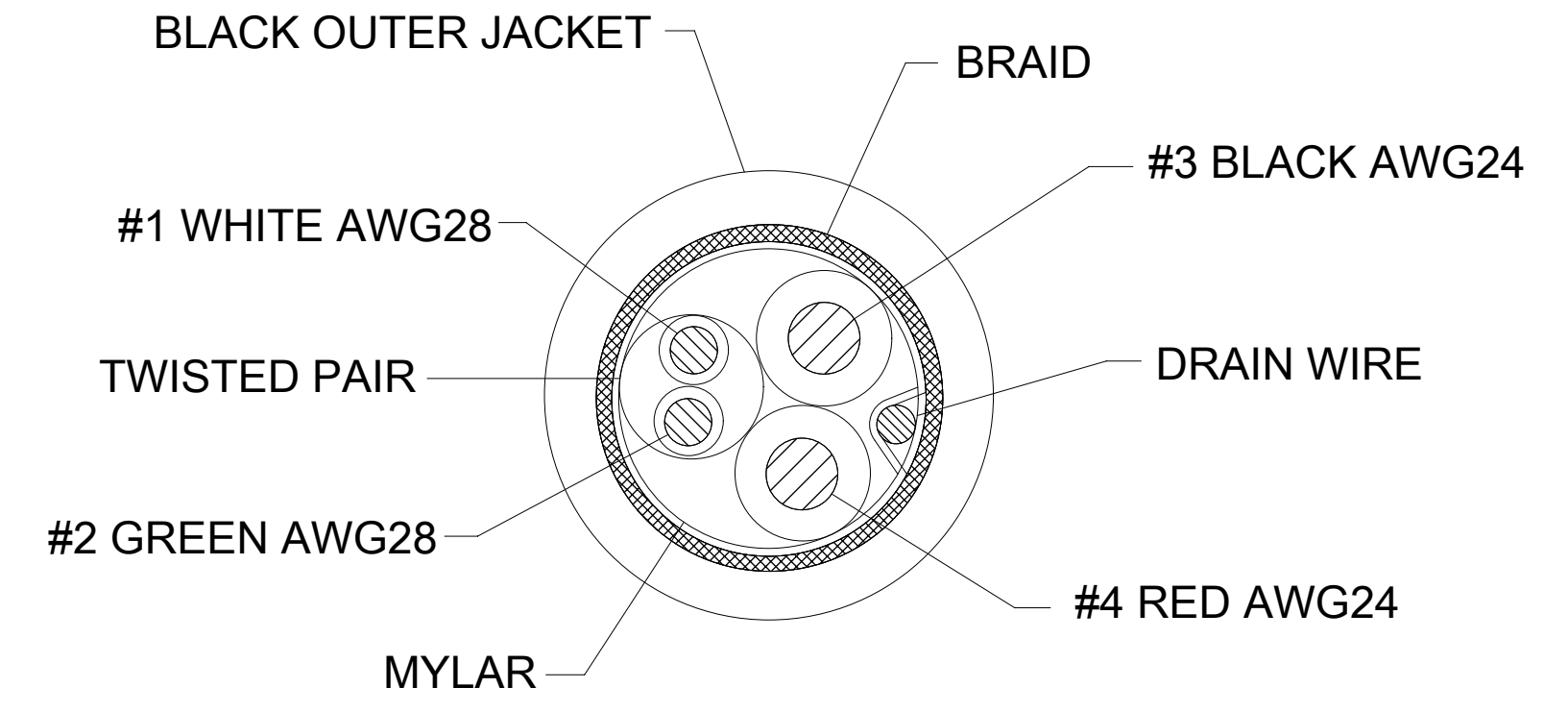


WIRING DIAGRAM

SIGNAL NAME	CONTACT #	MINI-B PLUG (HOST)	STD-A RECEPTACLE (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+
NO CONNECT	4	NO CONNECT	N/A	-	N/A
GND	5	BLACK	BLACK	4	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID



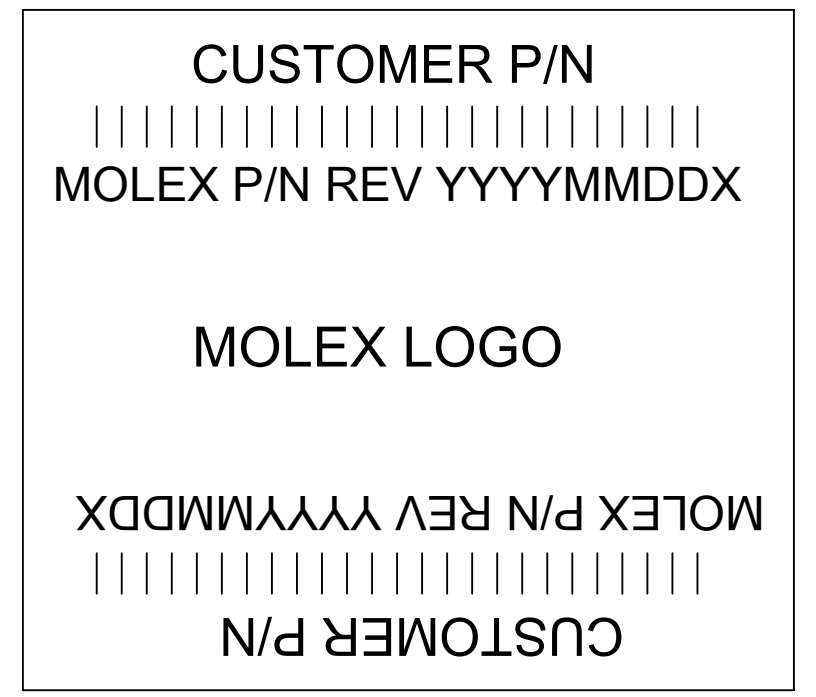
CABLE CONSTRUCTION

NOTES:

1. MATERIALS: SEE CHART
2. FINISHES: SEE CHART
3. PRODUCT SPECIFICATION: PS-68800-001.
4. PACKAGING SPECIFICATION: PK-68800-001.
5. 0.3MM MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
6. ELECTRICAL PERFORMANCE: REFER TO ES-003 ELECTRICAL SPECIFICATION FOR DETAILS.
7. IDENTIFICATION LABEL MUST DISPLAY CUSTOMER PART NUMBER, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD), REVISION, AND LOGO.
8. PART MUST CONFORM TO LATEST LEVEL OF SAE/USCAR-30 AND USB 2.0.
9. LEAD FREE, NO RoHS EXEMPTIONS.
10. MATING CONNECTORS: MINI-B INLINE 111005 SERIES.

POL-A, BLACK 111014-9000	POL-B, GRAY 111014-9001
POL-C, BLACK 111014-9002	POL-D, GRAY 111014-9006
POL-E, BLACK 111014-9003	

MOLEX MAT. NO.	MINI-B POL	DIM "A"
111083-0001	A	500±10
111083-0003	A	1000±10
111083-0004	B	1000±10
111083-0005	A	250±10
111083-0006	D	250±10
111083-0007	A	1500±10
111083-0008	D	1500±10
111083-0009	C	500±10
111083-0010	A	2000±20
111083-0012	D	500±10
111083-0013	E	500±10



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: mm	SCALE: 2:1	CURRENT REV DESC:					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624787					
4 PLACES ±	±	DRWN: VLOKESHA 2019/06/13		MINI-B PLUG STRT TO OVERMOLDED STD-A RECEPT			
3 PLACES ±	±	CHK'D: GGA 2019/11/11		PRODUCT CUSTOMER DRAWING			
2 PLACES ±	0.13 ±	APPR: GGA 2019/11/11		DOCUMENT NUMBER			
1 PLACE ±	0.25 ±	INITIAL REVISION:		DOC TYPE			
0 PLACES ±	±	DRWN: J. REEVES 2009/08/11		DOC PART			
ANGULAR TOL ± 3.0 °		APPR: KMONROE 2009/08/12		REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SD-111083-001			
		DRAWING: D-SIZE 111083		PSD 001 H			
		SERIES: 111083		SEE CHART			
		MATERIAL NUMBER: SEE CHART		CUSTOMER: BOSCH			
		SHEET NUMBER: 1 OF 1					