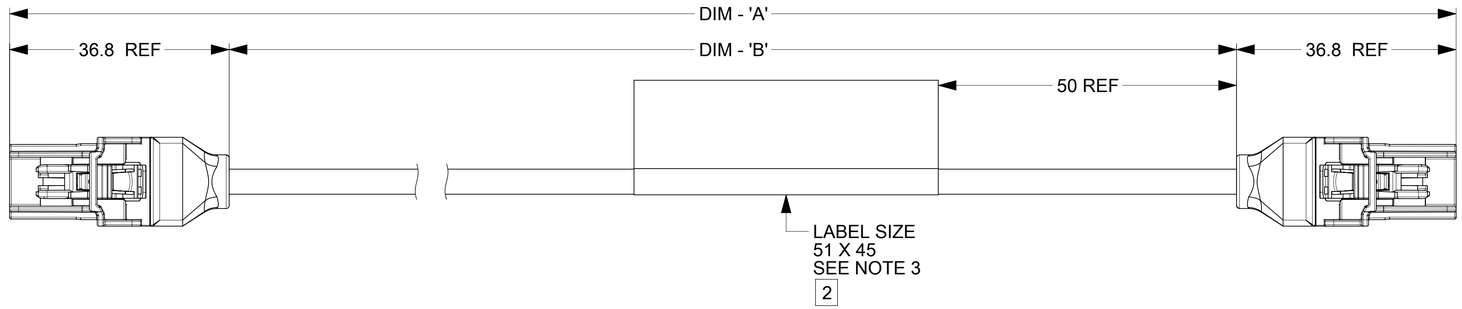
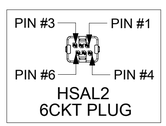
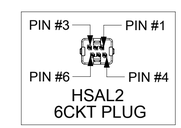


END1

END2



VIEWED FROM FRONT



VIEWED FROM FRONT

A1

MOLEX MATERIAL NUMBER	MATERIAL NUMBER REVISION	CUSTOMER PART NUMBER	DIM - 'A' REF	DIM - 'B'	CABLE	END1 CONNECTOR PN	END2 CONNECTOR PN
2257721211	A1		574	500 ±10	USB 2.0 AWG 28/24	100337-8107	100337-8107
2257721212	A1		1074	1000 ±10	USB 2.0 AWG 28/24	100337-8107	100337-8107
2257721213	A1		1574	1500 ±15	USB 2.0 AWG 28/24	100337-8107	100337-8107
2257721214	A1		2074	2000 ±15	USB 2.0 AWG 28/24	100337-8107	100337-8107
2257724212	A1		1074	1000 ±10	LVDS 2-WIRE 28AWG	100337-8007	100337-8007
2257724213	A1		1574	1500 ±15	LVDS 2-WIRE 28AWG	100337-8007	100337-8007
2257724214	A1		2074	2000 ±15	LVDS 2-WIRE 28AWG	100337-8007	100337-8007
2257724218	A1		4074	4000 ±25	LVDS 2-WIRE 28AWG	100337-8007	100337-8007

NOTES:

A1 1. PRODUCT SPECIFICATION: 2257721200.
2. PACKAGING SPECIFICATION: RPK-100182-0006.
3. PLEASE REFER TO ENGINEERING SPECIFICATION 2093051000 FOR DETAIL LABEL INFORMATION.
ATTENTION: FINAL GOODS LABEL WILL BE PRINTED WITH THE CUSTOMER PART NUMBER MENTIONED ON THE DRAWING.
IF THE CUSTOMER PART NUMBER FIELD IS EMPTY, TBD, NA OR NOTATES ANOTHER PLACEHOLDER INDICATING NO CUSTOMER PART NUMBER IS AVAILABLE THEN THERE WILL BE NO CUSTOMER PART NUMBER PRINTED ON THE LABEL.
LABEL COLOR DEFINITION:
WHITE : MEANS IT IS A PPAP/PRODUCTION PRODUCT.
BLUE : MEANS IT IS A NON-PPAP, PRE-PRODUCTION PART NOT INTENDED FOR SALE-ABLE VEHICLES.
4. VISIT www.molex.com FOR ENVIRONMENTAL COMPLIANCE INFORMATION.

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/09	12:15:20

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FE = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 797536
DRWN: KMANISHTIWAR 2024/09/09
CHK'D: SUBHAP2 2024/09/09
APPR: ADITHS1 2024/09/09

INITIAL REVISION:
DRWN: SS94 2023/07/25
APPR: TSWAROOPNUNE 2024/03/06

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 225772

molex

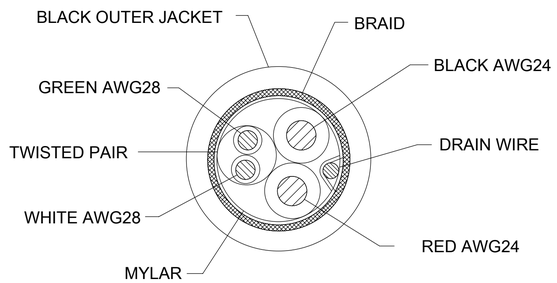
HS2 CABLE ASSY 6CKT PLG TO 6CKT PLG
STR POL-A TO STR POL-A

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2257721211	PSD	000	A1

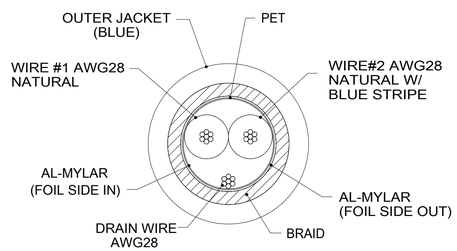
MATERIAL NUMBER: SEE CHART | CUSTOMER | SHEET NUMBER: 1 OF 2

REVISIONS		
DATE	PSD DOCUMENT REVISION	DESCRIPTION
2023/07/25	A	ORIGINAL RELEASE.
2024/09/09	A1	UPDATED PS SPEC PN TO 2257721200 WAS PS-34861-001.



CABLE CONSTRUCTION
USB 2.0 AWG 28/24

WIRING DIAGRAM FOR USB 2.0 CABLE					
6CKT (END 1)			6CKT (END 2)		
SIGNAL NAME	CONTACT	WIRE COLORS	WIRE COLORS	CONTACT	SIGNAL NAME
NO CONNECT	1	--	--	1	NO CONNECT
D+	2	GREEN	GREEN	2	D+
D-	3	WHITE	WHITE	3	D-
VBUS	4	RED	RED	4	VBUS
NO CONNECT	5	--	--	5	NO CONNECT
GND	6	BLACK	BLACK	6	GND
CABLE BRAID	SHIELD	BRAID TO SHIELD		SHIELD	CABLE BRAID



CABLE CONSTRUCTION
2-WIRE LVDS

WIRING DIAGRAM FOR LVDS 2-WIRE CABLE					
6CKT (END 1)			6CKT (END 2)		
SIGNAL NAME	CONTACT	WIRE COLORS	WIRE COLORS	CONTACT	SIGNAL NAME
PAIR DRAIN	1	DRAIN	DRAIN	1	PAIR DRAIN
TPA +	2	NATURAL W/ BLUE STRIPE	NATURAL W/ BLUE STRIPE	2	TPA +
TPA -	3	NATURAL	NATURAL	3	TPA -
NO CONNECT	4	--	--	4	NO CONNECT
NO CONNECT	5	--	--	5	NO CONNECT
NO CONNECT	6	--	--	6	NO CONNECT
CABLE BRAID	SHIELD	BRAID TO SHIELD		SHIELD	CABLE BRAID

NOTES :

1. WIRING DIAGRAMS ARE STANDARD AS SHOWN AND CANNOT BE CUSTOMIZED.
2. LISTED CABLE ASSEMBLIES WILL MATE ONLY WITH MPN 2257701015 AND MPN 2257702015 HEADERS.

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 797536
DRWN: KMANISHTIWAR 2024/09/09
CHK'D: SUBHAP2 2024/09/09
APPR: ADITHS1 2024/09/09

INITIAL REVISION:
DRWN: SS94 2023/07/25
APPR: TSWAROOPNUNE 2024/03/06

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 225772

molex

HS2 CABLE ASSY 6CKT PLG TO 6CKT PLG
STR POL-A TO STR POL-A

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2257721211	PSD	000	A1

MATERIAL NUMBER: SEE SHEET 1 | CUSTOMER: | SHEET NUMBER: 2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/09 12:15:20