

MOLDING			
AM INNER	JAM787	BM INNER	JAM788
AM OUTER	HAM457 HAM773	BM OUTER	HAM459

DATE	REV.	REVISION	DRAFTING	CHECKED
2014.11.20	1.0	NEW	LJW	CQ

USB3.0_A Plug

(11.75Min)

(11.75Min)

(36.0)

(41.0)

B
3:1

Power wire Red wire is VBUS

UTP (White wire is D-, Green wire is D+)

Power wire Black wire is Gnd

Conductor:Tinner Copper

Jacket:PVC BLUE

SDP2 STP Twisted Pair2 (Purple wire is SDP2-, Orange wire is SDP2+)

SDP1 STP Twisted Pair1 (Blue wire is SDP1-, Yellow wire is SDP1+)

Filler optional Braiding

SECTION:A-A (LP967)

PRINT:USB 3.0 CABLE 28AWG AWM E139315-F5 STYLE 2725 80°C 30V VW-1

PIN ASSIGNMENT:

Standard_A Plug		Wire		Standard_B Plug	
Pin	Signal Name	Wire	Signal Name	Pin	Signal Name
1	VBUS	1	PWR	1	VBUS
2	D-	2	UTP_D-	2	D-
3	D+	3	UTP_D+	3	D+
4	GND	4	GND_PWRrt	4	GND
5	SSRX-	5	SDP1-	5	SSTX-
6	SSRX+	6	SDP1+	6	SSTX+
7	GND_Drain	7, 10	SDP1_Drain SDP2_Drain	7	GND_Drain
8	SSTX-	8	SDP2-	8	SSRX-
9	SSTX+	9	SDP2+	9	SSRX+
Shell	Shield	Braid	Shield	Shell	Shield

NOTES:

1. ALL MATERIAL MEET THE ROHS COMPLIANT

2. 100% OPEN/SHORT/MISS WIRE TESTING

INSULATION RESISTANCE: DC/250V,10MΩ MIN,0.01S

WITHSTAND VOLTAGE: AC/250V 5mA FOR 0.1S.

CONDUCTOR RESISTANCE:5Ω MAX.

ITEM	Length(mm)
SB 3020	3000±30
SB 3021	5000±50
SB 0004	5000±50

5	PVC	OVER MOLDING : 45P BLACK	A/R
4	PE	IN MOLDING : MG70 LDPE	A/R
3	CONN	USB3.0 B Male Plug, Shell Plated Nickel + Contact Gold Plated G/F	1 SET
2	CONN	USB3.0 A Male Plug, Shell Plated Nickel + Contact Gold Plated G/F	1 SET
1	CABLE	USB 3.0 CABLE 28AWG*[1P(7/0.127TC)+D.W(7/0.127TC)]*2+28AWG*1P(7/0.127TC) +24AWG*2C(7/0.196TC) +AL-MYLAR+BRAID(AL-Mg), BK PVC,OD5.7±0.2mm	AR
No.	TITLE	DESCRIPTION	Q'TY

Material	Part Number	Note	***	3RD	UNIT	mm	APPROVED	CQ	SHEET	1 OF 1
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