



P1	CIRCUIT DIAGRAM	P2
1	---Common Ground ---	1
2	----- A+ -----	2
3	----- A- -----	3
4	---Common Ground ---	4
5	----- B- -----	5
6	----- B+ -----	6
7	---Common Ground ---	7

Ordering Information

Item	Series	Type	Cable Length	Plating Option
P/N	KMC	- SATA	- xxxx	- 15
Desc.	cable	Serial ATA	customer must specify length (mm)	blank = Au flash (standard) 15 = 15u" Au (-15 option)

Performance Specifications

Compliant with Serial ATA
Generation 1.0/II Standard

Material and Finish

Plug Housing: PBT thermoplastic,
UL94V-0 rated, black color

Plug Cover:
PC/ABS thermoplastic,
UL 94V-0 rated, black color

Cable :
4 Conductor (2-pair w/drains), 26awg

Jacket:
No Lead PVC, Red Color
RJ AWM 21149 30V 80C VW1

Contact Material: phosphor bronze

Contact Plating Options:
Standard: gold flash on contact area
15 Option: 15u" gold on contact area

Tolerances

X.X ± 0.25
X.XX ± 0.15
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/30/03	New Drawing	C. Leiva	H. MA	C. Leiva	9/30/03
A1	10/1/03	Update Spec	H. MA	K. Tharp		
A2	10/9/03	Dimensional Change	H. MA	K. Tharp		
B1	5/12/04	new plug mold design, rel. drawing	H. MA	C. Leiva		

KMC-SATA-xxxx

xxxx = cable length in mm

Serial ATA Cable

1.5-3.0 Gb/s applications

