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FCI PART NO.

SEE SHEET 1

A) Pwr USB CONNECTOR KIT: P/N: 74233-2029LF (24V); 74233-3029LF (5V)

MATERIALS	SPECIFICATIONS					
SHELLS	HIGH STRENGTH COPPER ALLOY					
HDUSINGS	THERMOPLASTIC UL94V-0 RATED, COLOR: RED(24V), CREAM OFF WHITE(5V)					
TERMINALS	HIGH STRENGTH COPPER ALLOY					
COVERS	THERMOPLASTIC UL94V-0 RATED BLACK					
PLATING						
SHELL	UNDERPLATE; 40 MICROINCHES NI 100 MICROINCHES MIN BRIGHT TIN					
TERMINALS	UNDERPLATE; 40 MICRDINCHES NI CONTACT AREA; 30 MICRDINCHES GXT TAIL AREA; 100 MICRDINCHES MATTED TIN					
ELECTRICAL						
VOLTAGE RATING	USB: 5.25VDC; +POWER: 24VDC,5VDC					
DIELECTRIC WITHSTANDING VOLTAGE	750 VAC					
INSUL, RESISTANCE	1000 MEG □HMS AT 500 VDC					
CURRENT RATING	SEE NOTE 12					

B) FERRITE:

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	FERRITE 1	SPECIFICATIONS				
	SPEC	URITE: F5B RH 15.65*28.5*7.3				
	IMPEDANCE	75				
	FERRITE 2	SPECIFICATIONS				
	SPEC	URITE: F5B RH 14.2*28.5*7.2-P.W				
	IMPEDANCE	75				

C) Pwr USB CABLE:

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SPEC: 28AWG\*1P+20AWG\*6C+AL/MYLAR+DRAIN+BRAID
1) UL TYPE: CM
CSA TYPE: CMG

2) CONSTRUCTION:

iTEM		SPECIFICATIONS					
	AWG	28AWG	20AWG				
CONDUCTOR	MATERIAL	TINNED COPPER	TINNED COPPER				
	COND.SIZE	7/0.127mm	19/0.20mm				
	MATERIAL	HD-PE	SR-PVC				
${\tt INSULATION}$		0.80±0.05mm	1.5±0.05mm				
	N□.	1PAIR	6C				
AL/MYLAR	COVERAGE	100%					
TIE/TITEIII(	□VERLAP	25% Min.					
	AWG	28AWG					
DRAIN	MATERIAL	TINNED COPPER					
	COND.SIZE	7/0.127mm					
BRAID	MATERIAL	TINNED COPPER					
DICTIO	SIZE	16/7/0.10mm					
	MATERIAL	PVC					
JACKET	ΠD	6.50±0.25mm					
	COLOR	BLACK (OTHER COLORS AVAILABLE ON REQUEST)					
ELECTRICAL CHARACTERISTICS							
RATING		RATING: TEMP 80°C VOLTAGE 30V					
Conductor Resistance		28AWG < 237.25					
at 20°c	(MAX)	20AWG < 34.6 Dhm/KM					
IMPEDANCE	(Differential)	90 Dhm±15%; at TDR					
DELAY		< 26ns/Cable; at TDR					
SKEW		100ps MAX.					
ATTENUATIO	]N	Refer to USB 2.0 Specification					

	Material			Spec ref spec_ref							ĺ		
	Mat code				surface / tolerance			projection MM				ĺ	
	Heattreat				V IS□ 406				1,11,1		ĺ		
	Plating/Finish Dr Sunny Tsai 10/11/2007				ISO 1302	IS	ISD 1101			•		ĺ	
					·			size A3		Scale -		l	
	Eng Sunny Tsai 10/11/2007		Product family		CABLE ASS'Y								
	Chr Jackson Wang 10/11/2007 Mode			Model 1	del Name			ECN				ĺ	
	Appr Jackson Wang 10/11/2007			Model Revision			REL Level				ĺ		
	FS) DOUBLE END USB+P CABLE ASSEMBLY -				24V/5V g 1009			199431			Rev. F		
	Pro/E file   catalog no			_ '	2211011		CUSTOMER DWG			sheet 3 of	3		
						<b>⊥</b>						_	

by X.... rev ecn no dr date See Sheet 1 TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR ANGULAR ±2\*

Mark with 10075076001 REV. proi\_revision in area indicated

PDS: Rev:F

STATUS:Released

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