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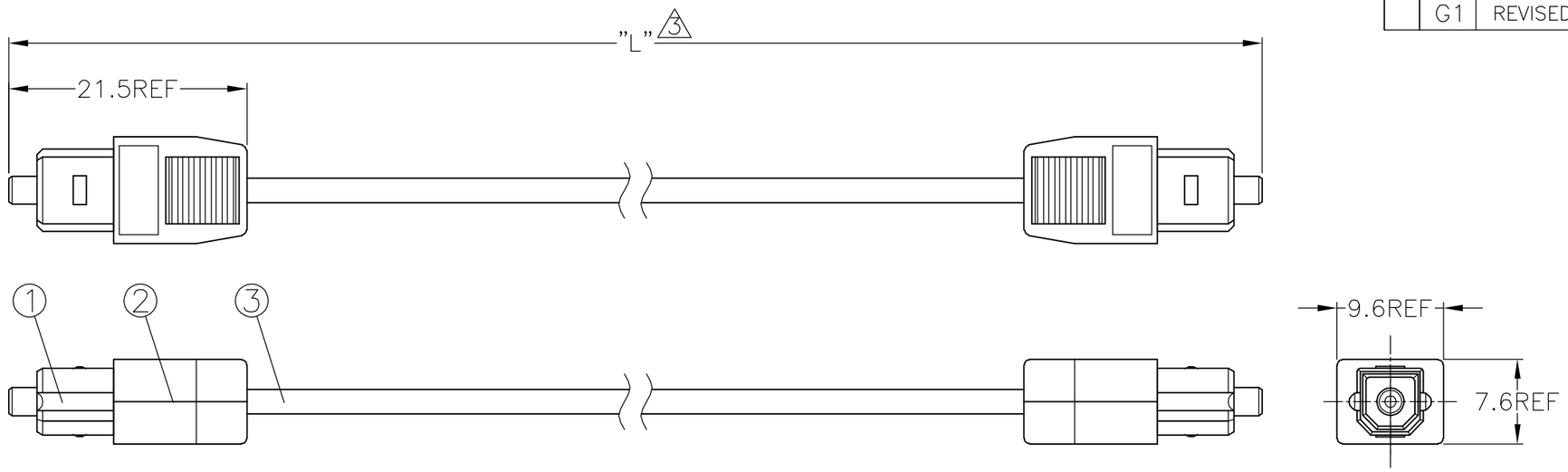
LOC	DIST
J	

REVISIONS
変更

P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	REDRAWN RER FJ20-0014-03	26SEP03	T.K	T.H
	G1	REVISED PER ECR-06-016991	14JUL06	T.K	T.H



4-178671-1	15000	-0, +300	8.2dB MAX.
3-178671-6	10000	-0, +200	6.2dB MAX.
3-178671-0	7000	-0, +160	5.0dB MAX.
2-178671-8	6000	-0, +140	4.6dB MAX.
2-178671-7	5500	-0, +140	4.6dB MAX.
2-178671-6	5000	-0, +140	4.2dB MAX.
2-178671-5	4500	-0, +100	4.2dB MAX.
2-178671-4	4000	-0, +100	3.8dB MAX.
2-178671-3	3500	-0, +100	3.8dB MAX.
2-178671-2	3000	-0, +100	3.4dB MAX.
2-178671-1	2500	-0, +60	3.4dB MAX.
2-178671-0	2000	-0, +60	3.0dB MAX.
1-178671-9	1900	-0, +40	3.0dB MAX.
1-178671-8	1800	-0, +40	3.0dB MAX.
1-178671-7	1700	-0, +40	3.0dB MAX.
1-178671-6	1600	-0, +40	3.0dB MAX.
1-178671-5	1500	-0, +40	3.0dB MAX.
1-178671-4	1400	-0, +40	3.0dB MAX.
1-178671-3	1300	-0, +40	3.0dB MAX.
1-178671-2	1200	-0, +40	3.0dB MAX.
1-178671-1	1100	-0, +40	3.0dB MAX.
1-178671-0	1000	-0, +40	3.0dB MAX.
178671-9	900	-0, +20	3.0dB MAX.
178671-8	800	-0, +20	3.0dB MAX.
178671-7	700	-0, +20	3.0dB MAX.
178671-6	600	-0, +20	3.0dB MAX.
178671-5	500	-0, +20	3.0dB MAX.
178671-4	400	-0, +20	3.0dB MAX.
178671-3	300	-0, +20	3.0dB MAX.
INACTIVE 178671-2	200	-0, +20	3.0dB MAX.
PART NUMBER	LENGTH "L"	TOLERANCE	POWER LOSS

2 3 TABLE [1]

OPTICAL FIBER STRUCTURE

Item	Specification
Numerical Apertuer	0.5
Core Diamaeter	980 μm
Cladding Diameter	1000 μm
Jacket Diameter	2.2 mm

光ファイバ　構造表

項目	規格値
N A	0.5
コア直径	980 μm
クラッド直径	1000 μm
被服外径	2.2 mm

OPTICAL FIBER PERFORMANCE

Item		Specification	Acceptance Criterion [Test Condition]
Maximum Rating	Storage Temperature	-30~+85°C	No Physical Deterioration [in a Dry Atmosphere]
	Operating Temperature	-30~+80°C	No Deterioration in Optical Properties * [in a Dry Atmosphere]
	Opereting Temperature in a Moist Atmosphere	+65°C MAX.	No Deterioration in Optical Properties ** [under 95%RH]
Transmission Loss	25°C 50%RH	170dB/km MAX.	[650nm Collimated Light]
	Under 95%RH	190dB/km MAX.	[650nm Collimated Light]
Maximum Characterisitics	Cable Tensile Strength	70N MIN.	[Tensile Force at 5% Elongation , in Conformity to the JIS C 6861]
	Cable Retention Force	49N MIN.	[Cable shall not come off when pulled during 1 minute]
	Minimum Bend Radius	25mm MIN.	Loss Increment =<0.5dB [A Quarter Bend]
	Minimum Bend Radius	100mm MIN.	No Physical Deterioration

All test are out under temperature of 25° unless otherwise specified.
*Attenuation increase shall be within 10% after 1000 hours.
**Attenuation increase shall be within 10% after 1000 hours, except that due to absorbed water.

光ファイバ　特性表

項目		規格値	試験条件他
最大定格	保存温度範囲(乾熱)	-30~+85°C	変質その他異常なし
	使用温度範囲(乾熱)	-30~+80°C	伝送特性異常なし *
	使用高温湿度範囲	+65°C MAX.	95%RHで伝送特性異常なし **
伝送損失	25°C 50%RH	170dB/km MAX.	波長650nm 平行光
	使用温湿度範囲	190dB/km MAX.	波長650nm 平行光
機械的特性	ケーブル引張強度	70N MIN.	5%伸び強度 JIS C 6861
	コネクタ部ケーブル保持力	49N MIN.	1分間保持しファイバが抜けないこと
	最小曲げ半径	25mm MIN.	90°静置屈曲、損失増加 0.5dB以下
	最小曲げ半径	100mm MIN.	変質その他異常なし

温度条件の記載無き場合は、室温(25°C)環境下とする
*1000時間後の伝送損失の増加が初期値に対して10%以内
**1000時間後の伝送損失の増加が初期値に対して10%以内(吸湿による一時的増加分を除く)

NET WEIGHT	QTY	NAME	ITEM
5 g/m	3	FIBER CABLE (PREMIER GRADE UL TYPE)	③
3 g	4	COVER HSG FOR Audio-DNP CONN.	②
	2	PLUG PRE ASS'Y FOR Audio-DNP CONN.	①

COMPONENT PART

1. THIS PRODUCT CONNECTED WITH RECEPTACLE CONNECTOR (CNF50SR2) SPECIFIED BY JEITA RC-5720B.
2. OPTICAL POWER LOSS COMPARE WITH MASTER CABLE ASS'Y : SEE TABLE [1].
3. PRODUCTS FIBER LENGTH "L" AND TOLERANCE : SEE TABLE [1].
4. BOTH FIBER ENDS MUST BE TRETED BY HOT-PLATE.

1. 本製品はJEITA規格RC-5720Bにて規定するレセプタクルCNF50SR2と嵌合する
2. マスターケーブルと比較した光パワーの損失を TABLE [1] に示す
3. 光ファイバケーブル長さ"L"と公差を TABLE [1] に示す
4. 光ファイバの両端面はホットプレート処理を行う

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: 単位: 粍 MM

TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL 材料: SEE TABLE
FINISH 仕上

DWN T.KIKUTA 26SEP03
CHK T.HAYASHI 26SEP03
APVD T.HAYASHI 26SEP03
PRODUCT SPEC 製品規格: 108-5304
APPLICATION SPEC 取付適用規格
WEIGHT: SEE TABLE

tyco Electronics
Tyco Electronics AMP K.K.
Kawasaki, Japan

NAME 名称: FIBER CABLE ASS'Y FOR AMP OPTIMATE AUDIO-DNP CONN.

SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
A3	00779	C-178671	

CUSTOMER DRAWING

SCALE 尺度	SHEET	OF	REV
2:1	1	1	G1

OBSOLETE
NOT the LATEST REVISION