



深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

TEL: +86 0755-28640107 FLOOR 1-3, NO. 102, OUBAI ROAD FAX: +86 755 28694967
Oubai Village Shenzhen.

APPROVAL

版本: A1

SHEET

CUSTOMER:

DESCRIPTION: 2.4G Antenna-L120mm

PART NO.: YS020-0036

CUS PART NO.:

D A T E: 2025-02-20

ENGINEERING DEPARTMENT	Q C DEPARTMENT	SALES DEPARTMENT
JACK	LILY	MISS TIAN
田宏亮 TianHongLiang	田青 TianQing	田海容 TianHaiRong

ENGINEERING DEPARTMENT	Q C DEPARTMENT	PURCHASING DEPARTMENT



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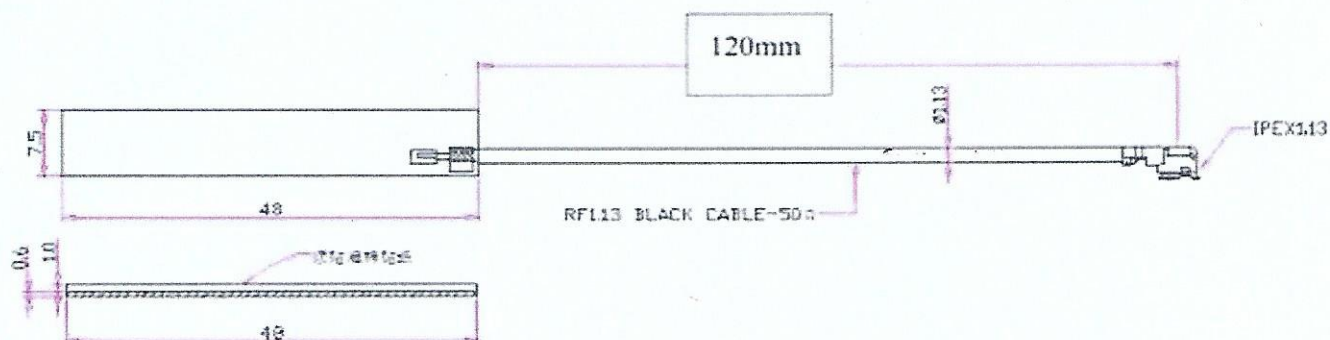
Floor 1-3, No. 102, Ouxi Road
Doubai Village Shenzhen

FAX: +86 755 28694967

(Product picture) :



(Product Specification) :





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(Environmental performance test) :

ITEM	TEST CONDITION	TEST RESULT
The storage environment	In the absence of the specified circumstances test temperature, humidity, air pressure is as follows: 1 temperature is -30 °C ~ +80 °C 2 relative humidity for 45%-85% The 3 pressure is 86kpa-106kpa	Electrical and mechanical properties of normal
Thermocycling ;	5 cycles between 70 °C and 40 °C, then under normal conditions 1-2H, appearance quality inspection.	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
Resistance to damp heat Test	Relative humidity is $95 \pm 3\%$, test temperature: 40 °C. Continue after 2H, Test within the product after removing the 5min determination of the electrical properties, in the normal sample Under 1-2H, the appearance of quality inspection	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
vibration test ;	Displacement amplitude of vibration frequency range: 10-55HZ, 0.35MM, the amplitude of acceleration: 50.0M/S, sweep cycle times: 30 times	Electrical and mechanical properties of normal
fall-down test ;	1M high altitude in accordance with the perpendicular axis free fall 3	Electrical and mechanical properties of normal

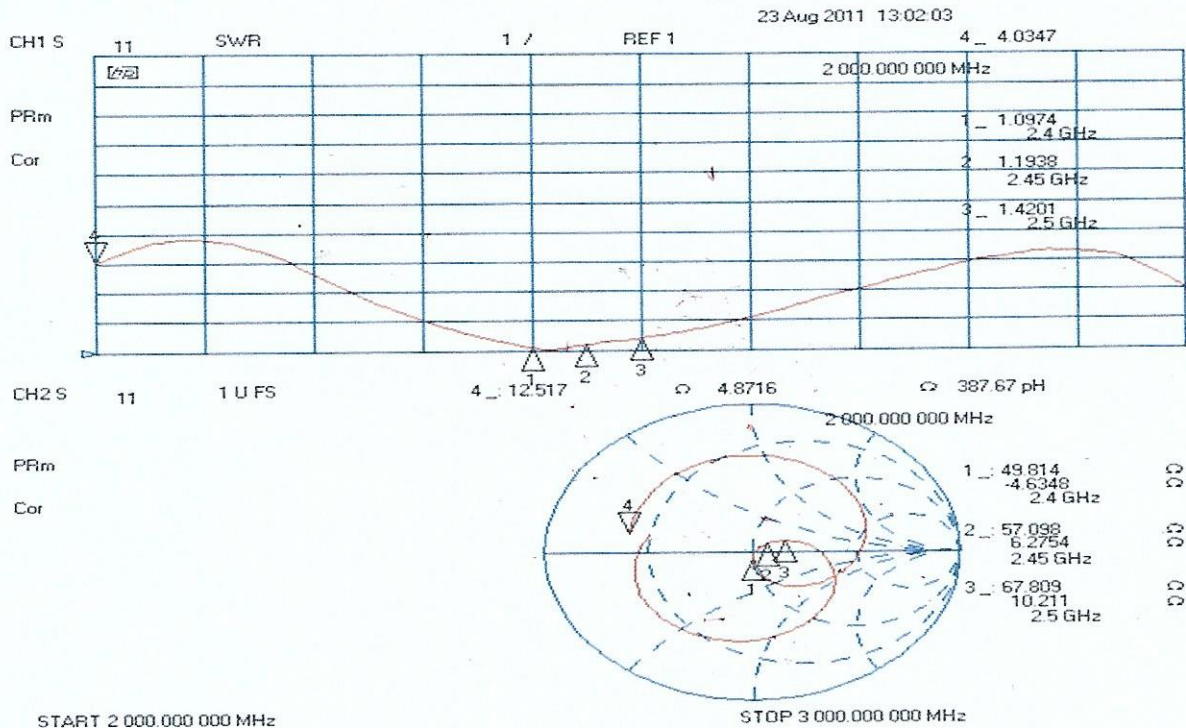


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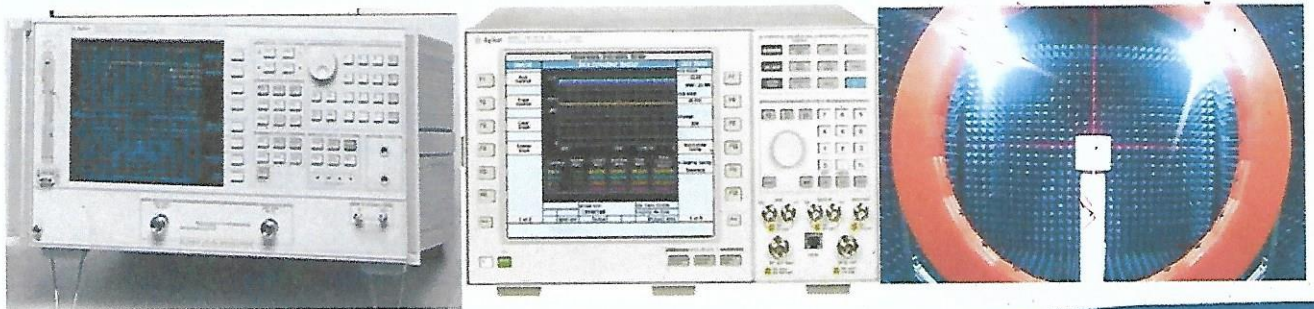
Shenzhen Yu Sheng Communications Electronics co., LTD

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(Agilent network analyzer test chart) :



(Gain-Tset):





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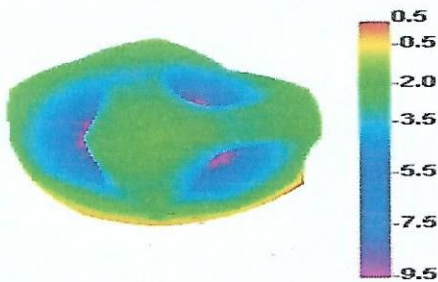
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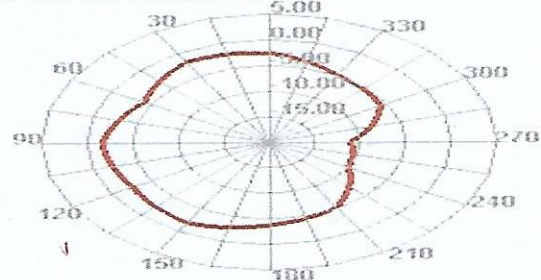
Floor-3, No. 102 Duxi Road
Dapai Village Shenzhen

FAX: +86 755 28694967

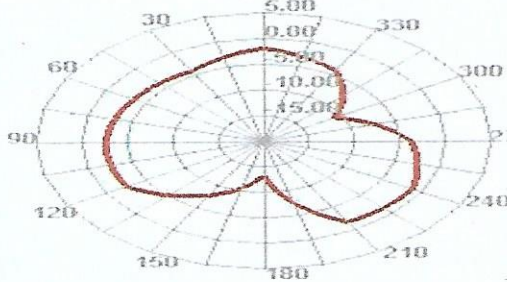
2400.000MHz



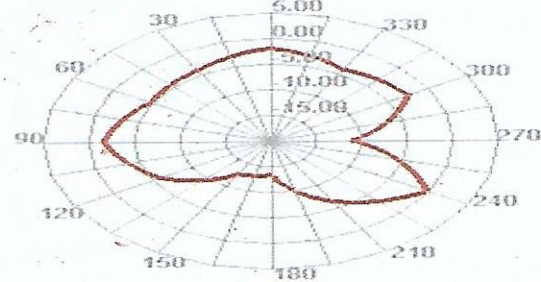
2400.000MHz H



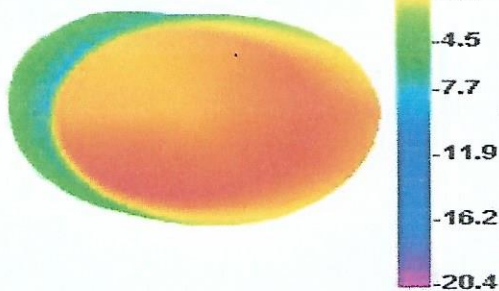
2400.000MHz E1



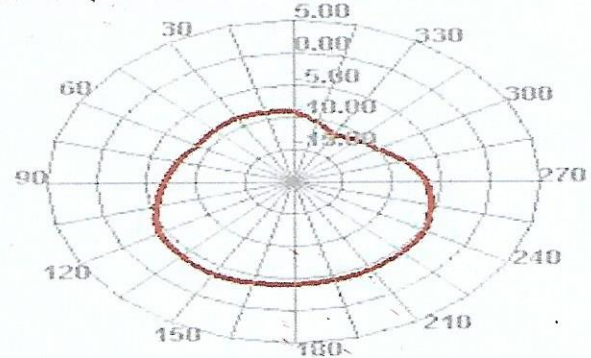
2400.000MHz E2



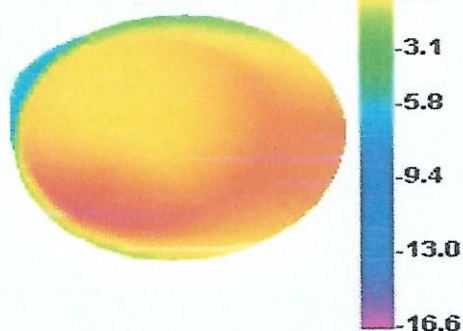
2450.000MHz



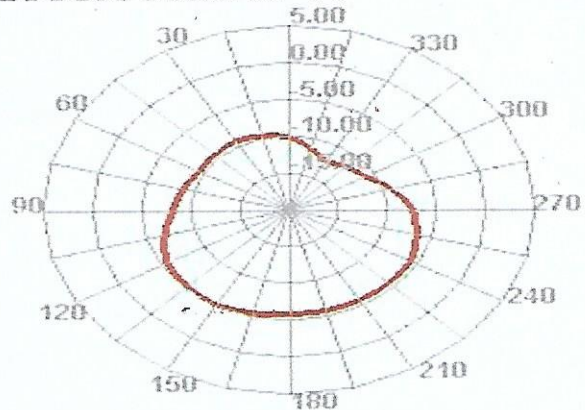
2450.000MHz H



2500.000MHz



2500.000MHz H





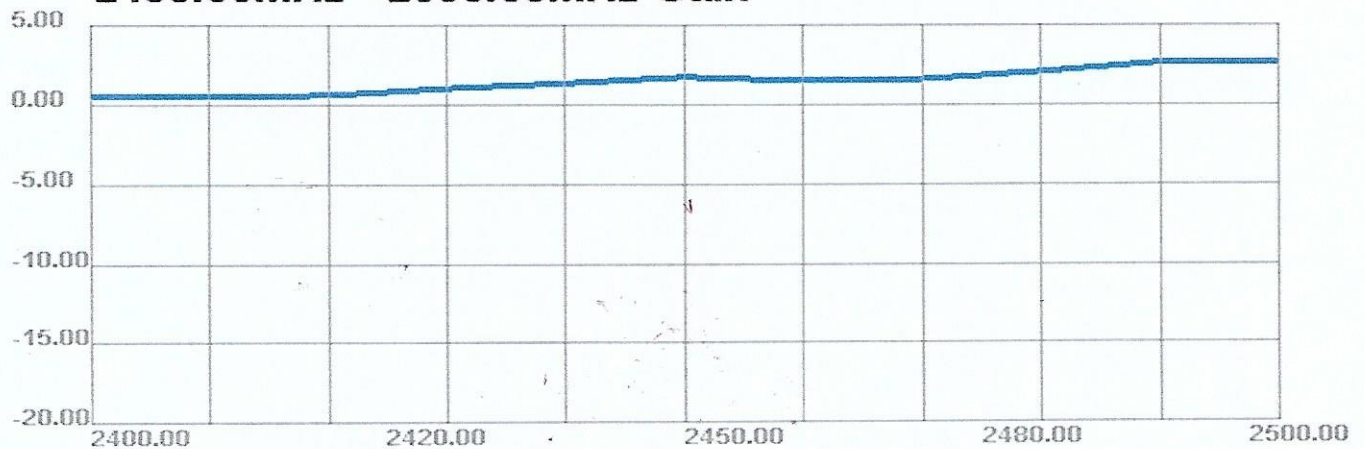
深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

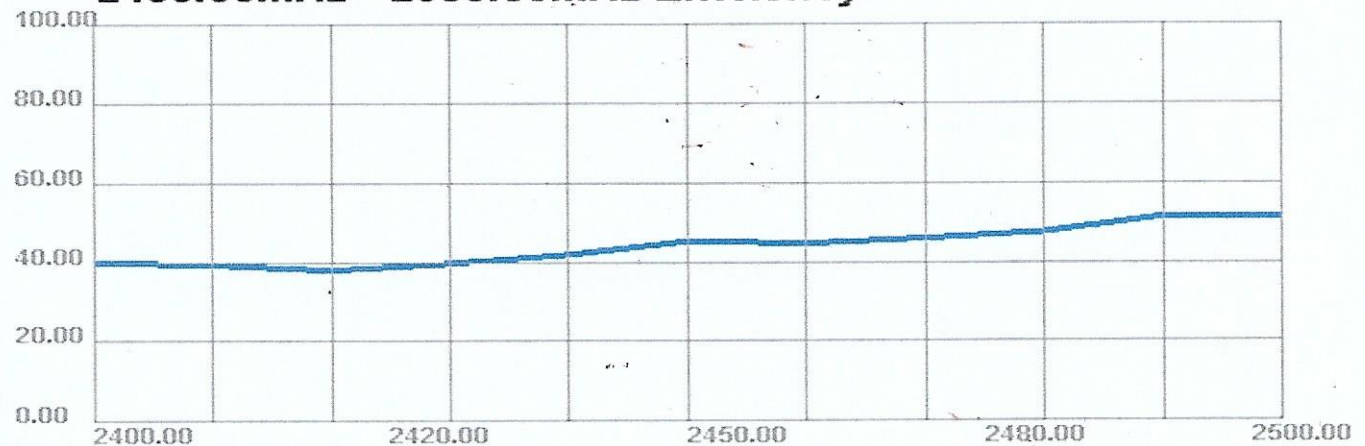
TEL: +86 0755-28640107 Floor 1-3, NO.102, Duxi Road
Qubai Village ShenZhen

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2400.00MHz - 2500.00MHz Gain



2400.00MHz - 2500.00MHz Efficiency



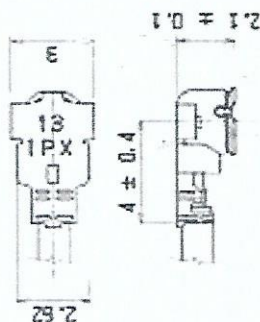
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Point Values											
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-2.69	-2.52	-2.23	-2.04	-1.95	-2.28	-2.44	-2.49	-2.60	-2.83	-2.45
Peak EIRP (dBm)	1.46	1.67	1.98	2.24	2.24	1.94	1.91	2.04	2.12	2.05	2.41
Directivity (dBi)	4.15	4.19	4.21	4.28	4.19	4.22	4.36	4.52	4.72	4.87	4.86
Efficiency (dB)	-2.69	-2.52	-2.23	-2.04	-1.95	-2.28	-2.44	-2.49	-2.60	-2.83	-2.45
Efficiency (%)	53.80	56.00	59.80	62.50	63.80	59.20	57.00	56.40	55.00	52.20	56.90
Gain (dBi)	1.46	1.67	1.98	2.24	2.24	1.94	1.91	2.04	2.12	2.05	2.41
NHPRP $\pm\pi/4$ (dBm)	-3.69	-3.36	-2.92	-2.52	-2.55	-2.92	-3.24	-3.47	-3.56	-3.59	-2.96
NHPRP $\pm\pi/6$ (dBm)	-4.35	-4.03	-3.59	-3.20	-3.23	-3.60	-3.92	-4.14	-4.22	-4.26	-3.65
NHPRP $\pm\pi/8$ (dBm)	-4.96	-4.64	-4.21	-3.82	-3.85	-4.21	-4.53	-4.75	-4.83	-4.88	-4.29
Upper Hem. PRP (dBm)	-5.17	-4.93	-4.58	-4.35	-4.22	-4.52	-4.66	-4.67	-4.76	-4.96	-4.55
Lower Hem. PRP (dBm)	-6.30	-6.22	-6.01	-5.89	-5.85	-6.22	-6.43	-6.51	-6.65	-6.93	-6.61
Upper Hem. PRP (%)	30.38	32.14	34.79	36.77	37.80	35.31	34.18	34.09	33.41	31.88	35.06
Lower Hem. PRP (%)	23.45	23.85	25.03	25.78	26.03	23.90	22.78	22.33	21.60	20.29	21.82

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Oubai village ShenZhen

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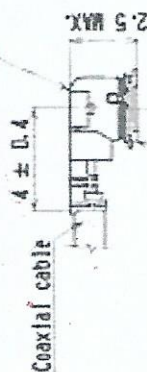
Material Data Sheet

MHF Connector



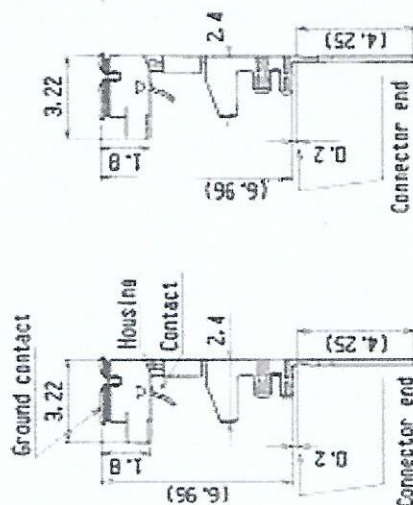
Cable Ass'y

Plus
20278-1-R-08
20278-1-R-13
20278-1-R-32



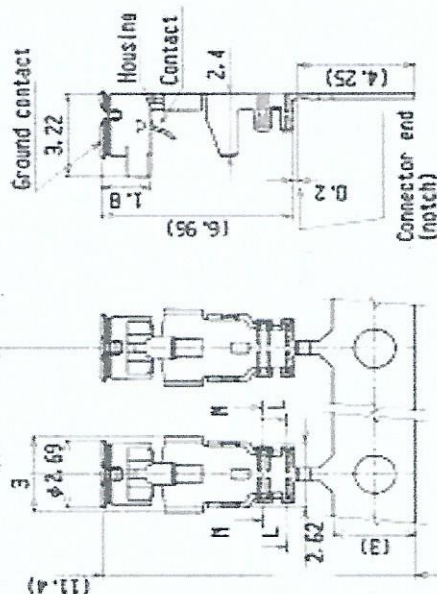
Receptacle
Part No. ZD279-001E-01
20441-001E-01

15



Part No. 20270-111R-00
20270-112R-00
20270-111R-13
20270-112R-13
20270-111R-32
20270-112R-32

For seal auto
terminal on machine
(without notch)



Part No. 20270-101R-08
20270-102R-09
20270-101R-13
20270-102R-13
20270-101R-32
20270-102R-32

For hand tool
(with notch)

[illegible]

GENERAL TOLERANCE	
6 MAX.	± 0.2
6 OVER MAX. 30	± 0.3
60 OVER MAX. 120	± 0.5
ANGLE	+ 2°

END OF PAGE 2

PAGE NO.
20278-00R-00

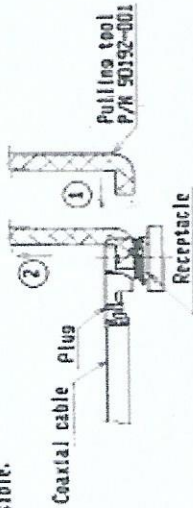
TEL: +86 0755-28640107 Floor 1-3. No. 102. Qunxi Road
Oubai Village ShenZhen

FAX: +86 755 28694967

5-2 日本ワタ製紙

（四）新装シグを用いる場合
下欄のようにできるだけ
幾層に可成抜いて下さい。

(1) In case of winning by pulling tool, please use the pulling tool as the following drawing, and please pull along to vertical direction as directly as possible.



(2) 手で直接型を置く場合
下図の順序をつかみ、できる
だけ急激に可変側を下さす。

(2) In case of unloading directly
by hand
Please catch the catching area
of plug, and please pull plug
to vertical direction as directly
as possible.



新門用愛知縣警備隊 3-5

Standards: Less than 10% from
total numbers of outer
conductor
Numbers of outer conductors:

5-4 読者の読者予備について

6. 本コネクターは“Pb-free”である

6. This is 'Pb-free' connector.



**Interconnect
and Packaging Electronics
Tokyo, Japan**

General

N85 series micro cassette connector with
 vertical ground contact; gold plated
 SCALE UNIT: CMX. No. 20270
 mm/inch

EXP. 0 BY	DATE
CUSTOMER	PROJECTION
0000	0000

REV. ECH	BY	DATE	APP
REV. RECORD			
SERIES NO.		2014	

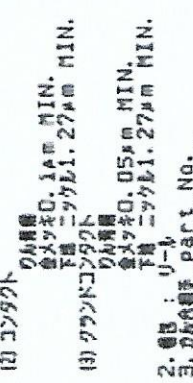
1 Sym

FORM REV. 4-78

5-2 Unsub.

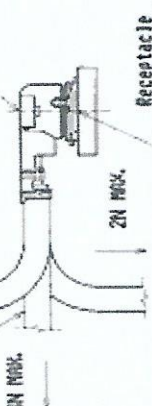
Notes

1. Material:
(1) Housing : PBT . UL94V-0
(2) Center



4. コネクタの台座のクランプに対する荷重

4. Permissible load of cable at rating



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九十九
一百

5-1 コネクタ挿入時
PlugとReceptacleの合わせ目を合わせ、
で色あざけ裏面を挿入して下さい。

この二つの組織の間にほゞ等しい、
距離を測るべきでない。

[illegible]

GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
10 OVER MAX. 120	±0.5
ANGLE	±2°

FORM REV. 4-78