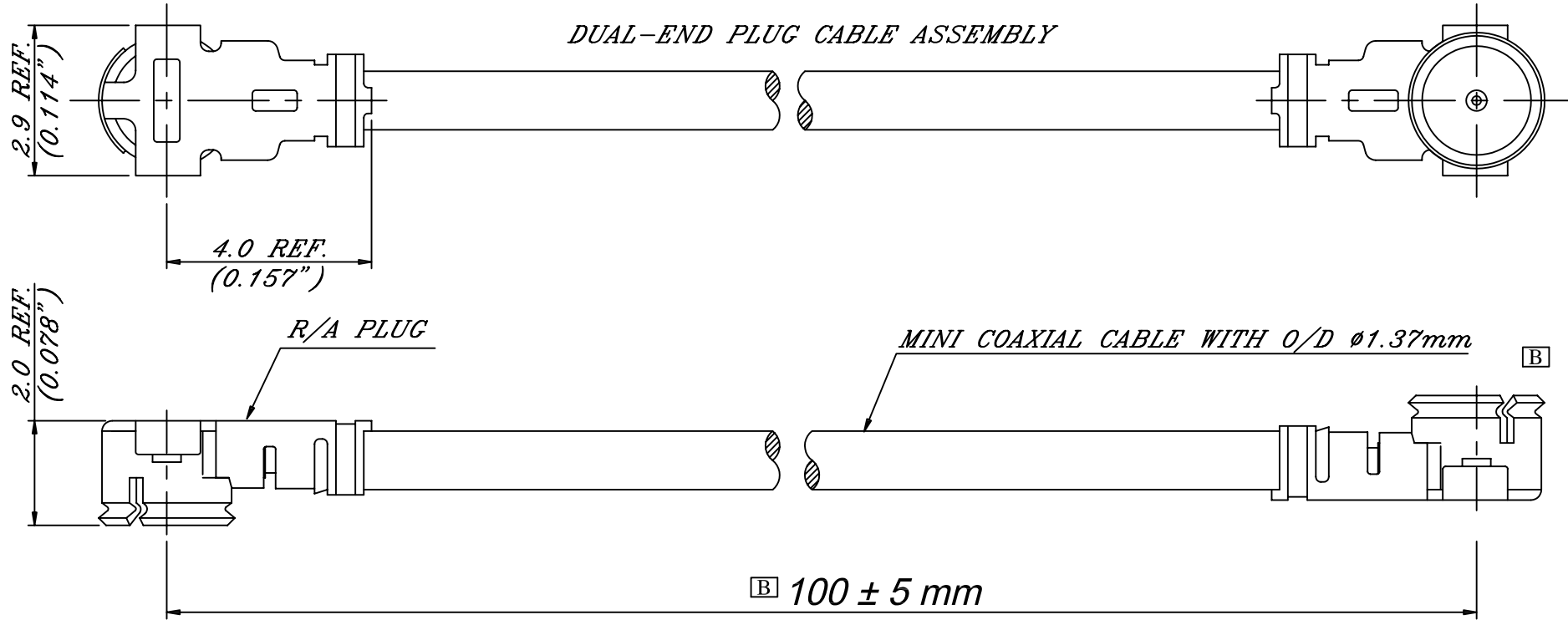


1. DIMENSION-1




Unless otherwise specified all Dimensions in millimeters & inches. Values in brackets are inches equivalents.

FRACTIONS ±4/10
 REMOVE BURRS & SHARP EDGES .250 MAX
 MACHINE FILLET RADIUS .250 R MAX
 ALL DIAS. TO BE CONCENTRIC
 WITHIN .125 T.I.R.
 INTERPRETATION PER MIL STD
 8 10 & 12

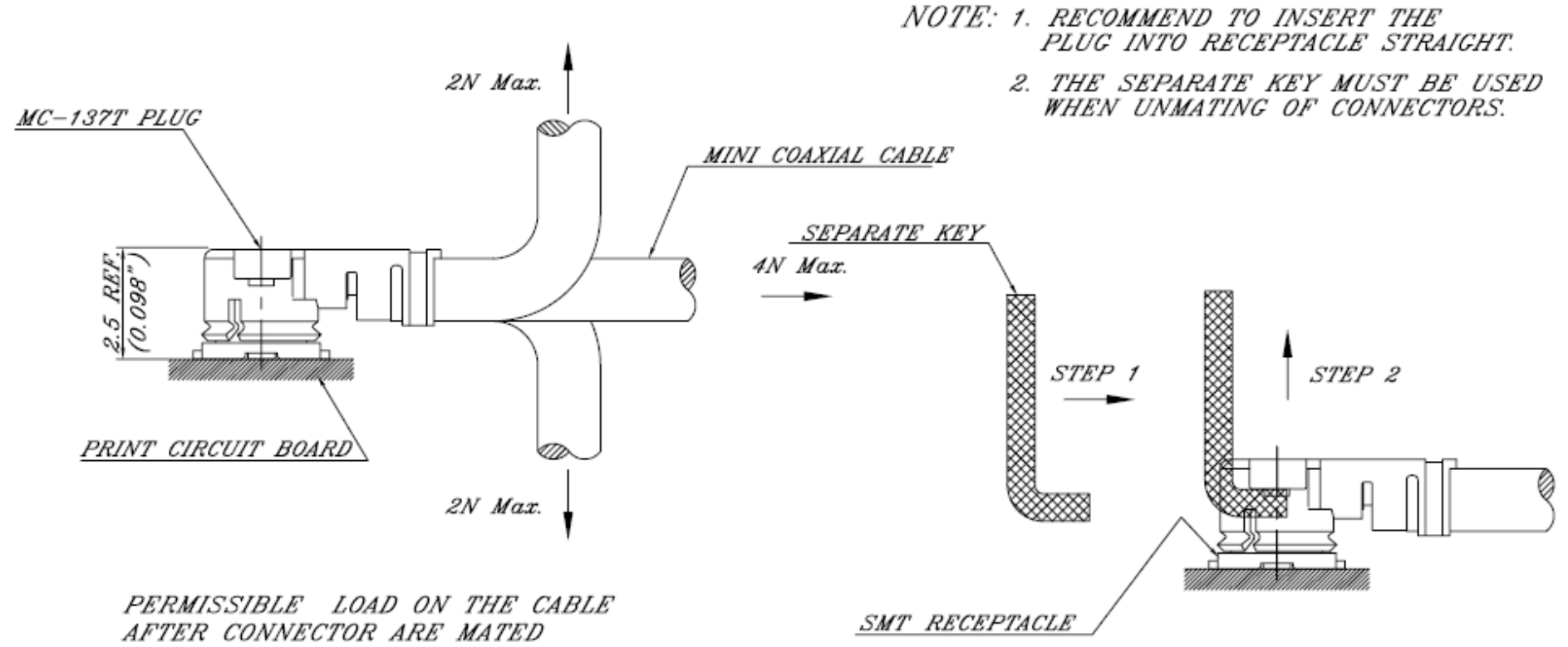


ORDER INFORMATION:
 GTI08-25073

RoHS Compliance

				TOLERANCE		 7F, No. 191, Sec. 2 Chung-Yang Rd., Tu-Cheng City Taipei Hsien, Taiwan A Genesis Electro-Mechanical Company		TITLE: RF CONNECTOR PLUG CABLE ASSY			
		LINEAR	ANGLES	PART NO. GTI08-25073							
		X. ± 0.38	X° ±	DWG NO. GTI08-25073							
[B]	CHANGE LENGTH WAS 88 mm AND ORIENTATION	AXL	9/2/08'	.X ± 0.25	.X° ± 2°	APPD:	MAT'L:	  UNITS SCALE SHEET REV mm NONE 1 OF 4 B			
[A]	ISSUED	Vegas	08/05/08'	.XX ± 0.15	.XX° ± 2°	CHKD:	FINISH:				
REV.	ECN NO.	NAME	DATE	.XXX ± 0.10	.XXX° ± 2°	DRWN: Kathy_Tan	Q'TY:				

1. DIMENSION-2



*NOTE: 1. RECOMMEND TO INSERT THE PLUG INTO RECEPTACLE STRAIGHT.
 2. THE SEPARATE KEY MUST BE USED WHEN UNMATING OF CONNECTORS.*

PERMISSIBLE LOAD ON THE CABLE AFTER CONNECTOR ARE MATED

2. PART LIST

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>MATERIAL & TREATMENT</i>	<i>REMARK</i>
<i>1</i>	<i>CONNECTOR SHELL</i>	<i>PHOSPHORUS BRONZE WITH GOLD PLATING</i>	
<i>2</i>	<i>FEMALE CONTACT</i>	<i>PHOSPHORUS BRONZE WITH GOLD PLATING</i>	
<i>3</i>	<i>INSULATOR</i>	<i>PBT+15%G.F.</i>	<i>BLACK</i>

3. CHARACTER

ITEM		SPECIFICATION		CONDITIONS
1. CONTACT RESISTANCE		CENTER: 20 mΩ MAX. OUTSIDE: 10 mΩ MAX.		MEASURED AT 10 mA MAX.
2. INSULATION RESISTANCE		500 MΩ MIN.		MEASURED AT 100 V DC
3. WITHSTAND VOLTAGE		NO LINE OR INSULATION BREAKDOWN		200 V AC FOR 1 MINUTE
4. V.S.W.R.	SOCKET	1.3 MAX.		0 TO 6 GHz
	PLUG OF CABLE ASS'Y	DIA. 0.81 CABLE DIA. 1.13 CABLE DIA. 1.32 CABLE DIA. 1.37 CABLE	1.3 MAX.	0 TO 6 GHz
5. FEMALE CONTACT HOLDING FORCE		0.15 N MIN.		MEASURED WITH A #0.475 PIN GAUGE SPEED: 12.5 mm/min.
6. REPETITIVE OPERATION		CONTACT RESISTANCE 25 mΩ MAX (CENTER) 15 mΩ MAX (OUTSIDE)		30 CYCLES OF INSERTION AND DISENGAGEMENT
7. VIBRATION		NO MOMENTARY DISCONNECTIONS OF 1 μS MIN. NO DAMAGE, CRACKS, OR PARTS LOOSENESS MIN.		FREQUENCY 10 TO 100 Hz, SINGLE AMPLITUDE OF 1.5 mm, ACCELERATION OF 59 m/s ² FOR 5 CYCLES IN THE DIRECTION OF EACH OF THE 3 AXES.
8. SHOCK		NO MOMENTARY DISCONNECTIONS OF 1 μS MIN. NO DAMAGE, CRACKS, OR PARTS LOOSENESS MIN.		ACCELERATION OF 735 m/s ² , 11 ms DUARTYON SINE HALF-WAVE WAVEFORM FOR 6 CYCLES IN THE DIRECTION OF EACH OF THE 3 AXES.
9. HUMIDITY RESISTANCE STEADY STATE		NO DAMAGE, CRACKS, OR PARTS LOOSENESS MIN. INSULATION RESISTANCE 100 MΩ MIN. (HIGH TEMPERATURE) INSULATION RESISTANCE 500 MΩ MIN. (PRY)		TEMPERATURE OF 40°C, HUMIDITY OF 95% LST STAND FOR 96 HOURS
10. TEMPERATURE CYCLE		NO DAMAGE, CRACKS, OR PARTS LOOSENESS MIN. CONTACT RESISTANCE 25 mΩ MAX (CENTER) 15 mΩ MAX (OUTSIDE)		TEMPERATURE: $\begin{matrix} > -40^{\circ}\text{C} & \rightarrow & +25^{\circ}\text{C} & \rightarrow & +90^{\circ}\text{C} & \rightarrow & 25^{\circ}\text{C} \\ & 30 \text{ min.} & & 5 \text{ min.} & & 30 \text{ min.} & & 5 \text{ min.} \end{matrix}$ CYCLES: 5 FOR 1 CYCLE <
11. SALT SPRAY TEST		NO VISUAL CORROSION		48 HOURS CONTINUOUS EXPOSURE TO 5% SALT WATER
<p>*The above V.S.W.R. standard values were measured using the measurement system as below :</p> <p>Note 1: Cable type connectors were measured with SMA conversion adaptors attached to both ends of the harness products of a suitable 100 cm cable.</p> <p>Note 2: Board type connectors were mounted to a 50Ω glass epoxy board and measurements were conducted with SMA conversion adaptors attached.</p>				