

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-25-322580,GTP	20MAY2025	TP	WK

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

ELECTRICAL CHARACTERISTICS :

FREQUENCY RANGE : DC-12 GHz
NOMINAL IMPEDANCE : 50 OHMS
CONTACT RESISTANCE : >500 MOHMS
WORKING VOLTAGE : 60 VRMS MAX
DIELECTRIC WITHSTANDING VOLTAGE : 200 VOLTS AC 1 Min
VSWR : <1.6@DC~12GHz

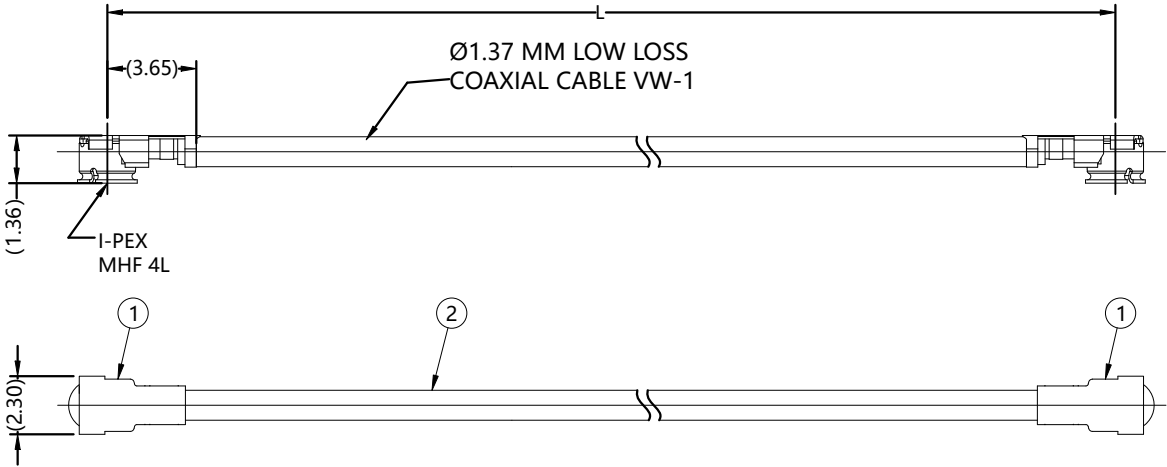
MECHANICAL CHARACTERISTICS :

DURABILITY :>30 CYCLES
CABLE RETENTION FORCE : >1.5 Kg
CABLE STATIC BENDING RADIUS : >6.8 MM

ENVIRONMENTAL PARAMETER

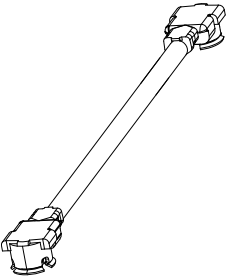
TEMPERATURE RANGE: -40°C TO +85°C

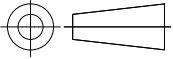
RoHS: COMPLIANT.



						mm	/	Ø1.37 MM LOW LOSS C-CABLE VW-1	2
			2	2	2	PC	/	MHF4L CONNECTOR	1
			-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM
QUANTITY PER ASSY							PARTS LIST		

TEPN	L(mm)	INSERTION LOSS	
2502029-1	100±5	<1.10 dB@8GHz	<1.55 dB@12GHz
2502029-2	200±5	<1.70 dB@8GHz	<2.50 dB@12GHz
2502029-3	300±5	<2.35 dB@8GHz	<3.30 dB@12GHz



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 22APRIL2025	 TE Connectivity			
		CHK TP 18MAR2025				
DIMENSIONS: mm		APVD WK 18MAR2025	NAME MHF4L TO MHF4L 1.37LL BLACK			
		PRODUCT SPEC	-			
		APPLICATION SPEC	-			
MATERIAL SEE NOTES		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2502029	RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 1	REV A