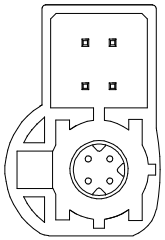
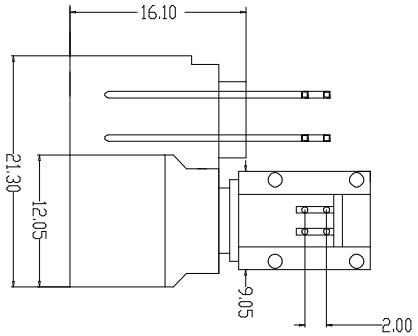
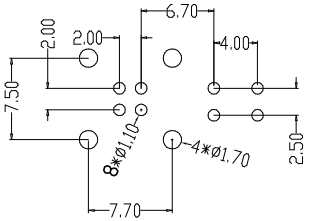
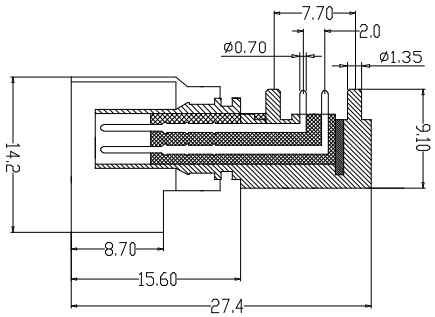
Product NO.	DOSIN-877-2038			
REV	DESCRIPTION	DWN	DATE	APPROVEN
R1.0	First issue	Gavin	2022/07/12	JIM.KING

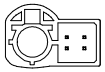
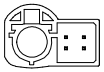
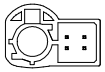
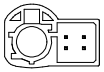
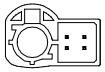
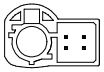
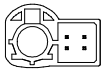
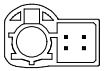
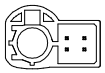
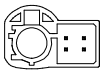
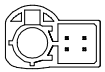
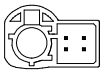
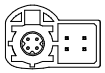
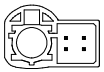






PCB Layout Reference



Coding	Graphics	Colour		Coding	Graphics	Colour
A		Jet Black		G		Blue Gray
B		White		H		Heather Violet
C		Signal Blue		J		Beige
D		Clart Violet		K		Curry
E		Leaf Green		L		Carmine Red
F		Nut Brown		M		Pastel Orange
Z		Water Blue		O		Pastel Green

Electrical performance:
1.1 characteristic impedance: 100Ω
1.2 Insulation resistance: 100MΩ min
1.3 Voltage withstand: 250V AC
1.4 Contact resistance: Inner conductor 10mΩ Max
Outer conductor 7.5mΩ Max
1.5 Frequency: 0-2GHz

2. Mechanical properties:
2.1 Insertion and removal durability: ≥ 25 times
2.2 Working temperature: -40 ℃~105 ℃
2.3 Axial pull-out force: ≥ 110N

3. Meet environmental RoHS requirements

NO	Description	Material	Finish	QTY
1	Shell	PA66		1
2	Body	Zinc alloy/copper	Nickel	1
3	Insulator	Ptfe	None	1
4	Center pin	Brass	Gold	4
5	Pin	Brass	Nickel	4
6				

NOTE:	Tolerance	0.5 - 8mm ± 0.20mm 8 - 30mm ± 0.25mm 30 -120mm ± 0.30mm
DRAWN Gavin	View	
CHECKED	UNIT	MM
APPROVALS John kine	SCALE	1:1

东莞市德索精密工业有限公司
Dongguan Dosin Precision Industry Co.,Ltd

Name: HSD 4+4 MALE 90° FOR PCB CONNECTOR			
SIZE A	Product NO. DOSIN-877-2038		REV A
DateTime 2022/07/12	CAD FILE D/company drawings/BD		SHEET: 1 OF 1