

Electrical data

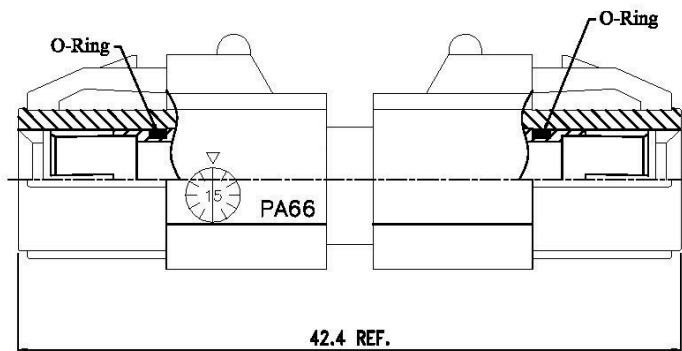
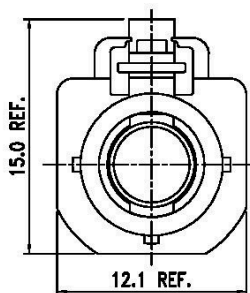
Impedance, differential mode	100 Ω
Frequency	DC to 2.0 GHz
Return loss	≥ 20 dB to 1.0GHz
Insertion loss	≤ 0.3 dB @ 1.0GHz
Skew (between signal contacts)	≤ 5 psec
Nearend-Crosstalk	≤ 30 dB
Farend-Crosstalk	≤ 35 dB
Insulation resistance	$\geq 1 \times 10^3$ M Ω
Signal contact resistance	≤ 10 m Ω
Outer contact resistance	≤ 7.5 m Ω
Test voltage	250 V rms
Working voltage	100 V rms

Mechanical data

Mating cycles	≥ 25
Engagement force	≤ 30 N
Disengagement force	≤ 5 N
Retention force latch	≥ 110 N
Coding efficiency	≥ 80 N

Environmental data

Temperature range	- 40°C to +105°C
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ROHS
COMPLIANT

7.	O-Ring	Silicone	2	Red
6.	Housing	PA66	2	Water Blue
5.	Insulation	PA66	2	None
4.	Pin	Phosphor bronze	4	Gold
3.	Pin	Phosphor bronze	4	Gold
2.	Body	Brass	2	Nickel
1.	Body	Brass	1	Nickel
NO.	DESCRIPTION	MATERIAL	Q' TY	FINISH

DRAWN	SCALE	UNITS		
Kelly	3:1	mm		
CHECKED	TOLERANCE		TITLE	HSD-NEUJ-NEUJ
Peter	.X	± 0.2	REV.	CAD FILE
APPROVAL	.XX	± 0.1		
Peter	.XXX	± 0.05		
	ANGLE	$\pm 0.5^\circ$	A	