

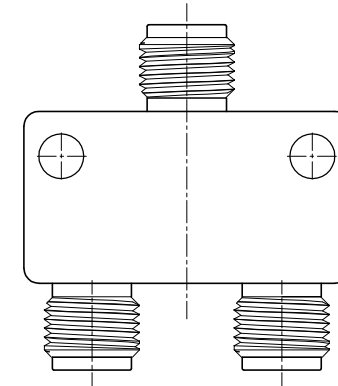
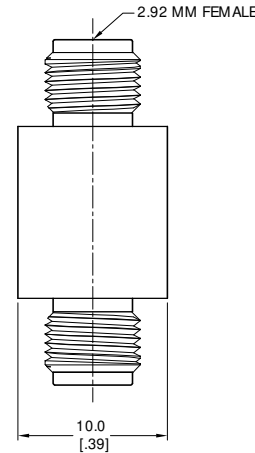
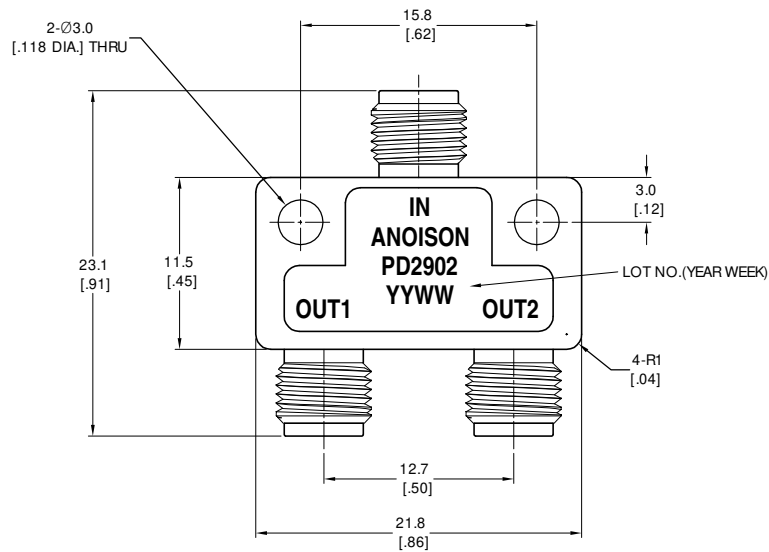
ELECTRICAL DATA	
NUMBER OF OUTPUT PORTS	2
FREQUENCY RANGE	27~29 GHz
IMPEDANCE: 50 Ω	50 Ω
VSWR	<1.30
INSERTION LOSS	<0.6 DB
ISOLATION	>23 DB
AMPLITUDE BALANCE	<0.3 DB
PHASE BALANCE	<3°
INPUT POWER	20 W MAX.
REVERSE POWER	0.5 W MAX.

MATERIAL AND FINISH	
CONNECTOR(2.92 MM FEMALE)	7003 ALUMINUM ALLOY, TRANSPARENT EPOXY
HOUSING	7003 ALUMINUM ALLOY, TRANSPARENT EPOXY

ENVIRONMENTAL DATA	
OPERATING TEMPERATURE	-55°C TO +100°C
STORAGE TEMPERATURE	-55°C TO +125°C
PROTECTION GRADE	IP67(CONNECTORS MATED CONDITION, THE CABLE END 2.92MM MALE CONNECTOR BE REQUESTED WITH A RUBBER SEAL GASKET)
RoHS COMPLIANT	2011/65/EU(RoHS) AND 2015/863/(RoHS)
REACH COMPLIANT	1907/2006/EC(REACH)



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/10/20	J QU
B	ELECTRICAL DATA , MECHANICAL DATA AND ENVIRONMENTAL DATA CHANGED	06/18/20	J QU
C	IP67 ADDITIONAL CONDITIONS	06/28/20	J QU
D	1. SMALLER SHARP 2. VSWR CHANGED FROM 1.20 TO 1.30 3. MATERIAL AND FINISH CHANGED	07/24/20	J QU
E	2-∅3.0 [.118 DIA.] WAS 2-∅2.2 [.087 DIA.]	07/25/20	J QU
F	1. 15.8 [.62] WAS 16.8 [.66] 2. 21.8 [.86] WAS 23.4 [.92] 3. 23.1 [.91] WAS 24.7 [.97] 4. 11.5 [.45] WAS 12.7 [.50] 5. NET WEIGHT 10g CHANGED TO 6g	08/14/20	J QU

MECHANICAL DATA	
NET WEIGHT	6g



DRAWN	X. B. YANG	DATE	08/14/20
CHECKED	W. YANG	DATE	08/14/20
APPROVED	J QU	DATE	08/14/20
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XX	±0.13 [.005"]		
X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X	±1°		
.X	±2°		



TITLE			
27-29 GHz 2-WAY 2.92 MM POWER DIVIDER			
VIEW	PART NO.		
 	PD2902		
SIZE	SCALE	SHEET	REV.
A3	3:1	1/1	F