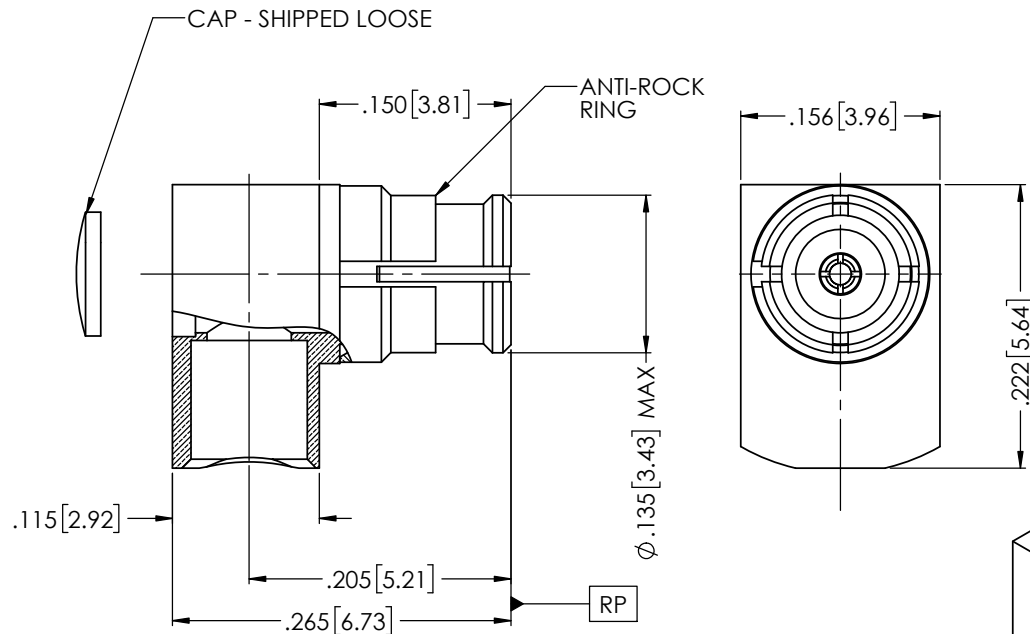




REVISIONS				
REV.	DESCRIPTION	DATE	ENG. APPROVED	MFG. APPROVED
A	ADDED DIMENSIONS	12/8/2021	BJM	MCD
B	ADDED INSERTION LOSS	9/21/2022	BJM	MCD
C	ADDED PLATING THICKNESSES	10/29/2022	BJM	MCD
D	ADDED COPPER FLASH	12/21/2022	BJM	MCD
E	UPDATED TEMP RANGE	2/1/2023	BJM	MCD

8676094G001-010



NOTES:

- ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.
- CONTACT FACTORY FOR CABLE ASSEMBLY PROCEDURE.

MECHANICAL SPECIFICATIONS	
DURABILITY	500 mates
CAPTIVATION - CONTACT	1.5 lbs min.
FORCE TO ENGAGE/DISENGAGE (W/ FULL DETENT MALE INTERFACE)	
FORCE TO ENGAGE	15 lbs. max.
FORCE TO DISENGAGE	5 lbs min.
ELECTRICAL SPECIFICATIONS	
FREQUENCY RANGE	DC - 18 GHz
VSWR	1.20 MAX
INSERTION LOSS	.12√f(GHz) MAX
IMPEDANCE	50 ± 2 OHMS
WORKING VOLTAGE @ SEA LEVEL	335 Vrms max
DWV @ SEA LEVEL	500 Vrms min
INSULATION RESIST.	5000 MOHMS
OUTER CONDUCTOR	6 MILLIOHMS MAX
INNER CONDUCTOR	2 MILLIOHMS MAX
ENVIRONMENTAL SPECIFICATIONS	
TEMP RANGE	-65° TO +165° C

CAP	Stainless Steel 301-304	GOLD PLATE PER ASTM B488, TYPE 2, 50-90µin THICK OVER 50 µin MIN NICKEL PER AMS-QQ-290 OVER COPPER FLASH 3 µin MIN
ANTI-ROCK RING	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, 50-90µin THICK OVER 50 µin MIN NICKEL PER AMS-QQ-290 OVER COPPER FLASH 3 µin MIN
CONTACT	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, 50-90 µin THICK OVER 50 µin MIN NICKEL PER AMS-QQ-290 OVER COPPER FLASH 3 µin MIN
INSULATOR	TEFLON PER ASTM D1710, TYPE 1, GRADE 1, CLASS A.	N/A
BODY	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, 50-90 µin THICK OVER 50 µin MIN NICKEL PER AMS-QQ-290 OVER COPPER FLASH 3 µin MIN
DESCRIPTION	MATERIAL	FINISH

Table 1

D

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FILE NAME: 8676094G001-010

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
FRACTIONAL ± 1/64	
ANGULAR: MACH ± 1° BEND ± 1°	
TWO PLACE DECIMAL ± .01	
THREE PLACE DECIMAL ± .005	
SURFACE FINISH = 63	
MAX. CORNER BREAKS = .004	
THIRD ANGLE PROJECTION	
MATERIAL	SEE TABLE
FINISH	SEE TABLE
SCALE:	

NAME	DATE
DRAWN SRC	8/14/2018
CHECKED BJM	8/14/2018
ENG APPR. BJM	8/14/2018
COMMENTS:	

DELTA ELECTRONICS MFG CORP. BEVERLY, MA 01915 www.deltarfc.com / Ph: 978-927-1060 / Fax: 978-922-6430		
TITLE: SMP RIGHT ANGLE DIRECT SOLDER FEMALE FOR 086 CABLE		
SIZE B	DWG. NO. 8676094G001-010	REV E
CODE ID - 00795	WEIGHT: 0.48 g	SHEET 1 OF 1