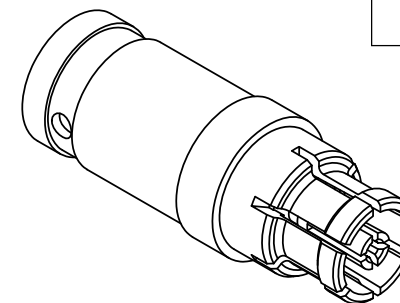


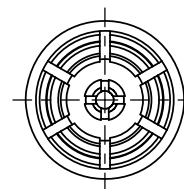
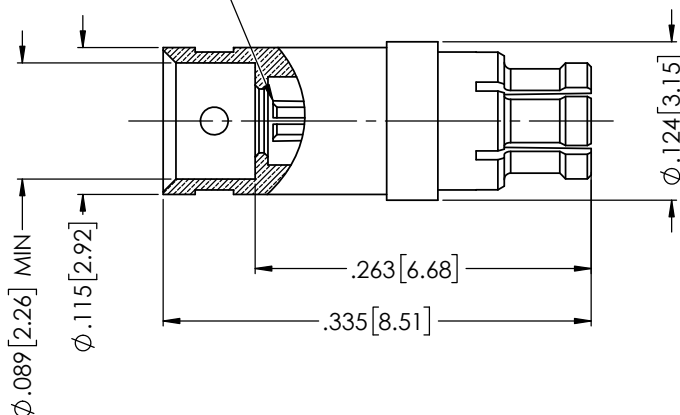


REVISIONS				
REV.	DESCRIPTION	DATE	ENG. APPROVED	MFG. APPROVED
A	STANDARDIZED FORMAT	1/17/2023	BJM	MCD

8808094G001-003



PLUG-IN CONTACT

**MECHANICAL SPECIFICATIONS**

DURABILITY	500 mates
CAPTIVATION - CONTACT	1.5 lbs min.
FORCE TO ENGAGE/DISENGAGE (W/ FULL DETENT MALE INTERFACE)	
FORCE TO ENGAGE	8 lbs. max.
FORCE TO DISENGAGE	4.5 lbs min.

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE	DC - 40 GHz
VSWR	1.50 MAX
INSERTION LOSS	.13√f (GHz) MAX
IMPEDANCE	50 ± 2 OHMS
WORKING VOLTAGE @ SEA LEVEL	217 Vrms max
DWV @ SEA LEVEL	325 Vrms min
INSULATION RESIST.	5000 MOHMS
OUTER CONDUCTOR	6 MILLIOHMS MAX
INNER CONDUCTOR	2 MILLIOHMS MAX

ENVIRONMENTAL SPECIFICATIONS

TEMP RANGE	-65° TO +165° C
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NOTES:

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

CONTACT	BERYLLIUM COPPER PER ASTM B196, C17300, TEMPER TD04	GOLD PLATE PER ASTM B488, TYPE 2, 50µin MIN 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, 50µin MIN THICK OVER 50 µin MIN NICKEL PER AMS-QQ-290 OVER COPPER FLASH 3 µin MIN
DESCRIPTION	MATERIAL	FINISH

Table 1

PROPRIETARY AND CONFIDENTIAL
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FILE NAME: 8808094G001-003(1)

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.deltarf.com / Ph: 978-927-1060 / Fax: 978-922-6430		
TITLE: SMPM STRAIGHT DIRECT SOLDER FEMALE FOR 086 CABLE		
SIZE B	DWG. NO. 8808094G001-003	REV A
CODE ID - 00795	WEIGHT: .24g	SHEET 1 OF 1