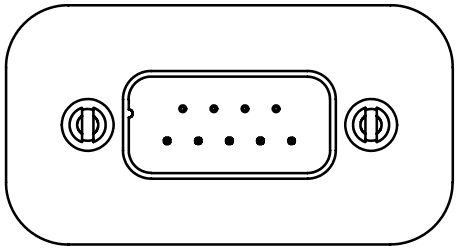
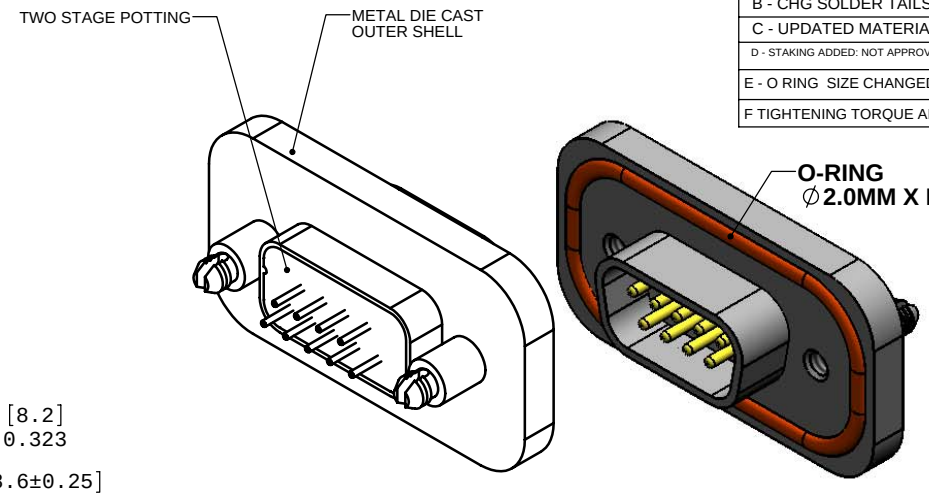
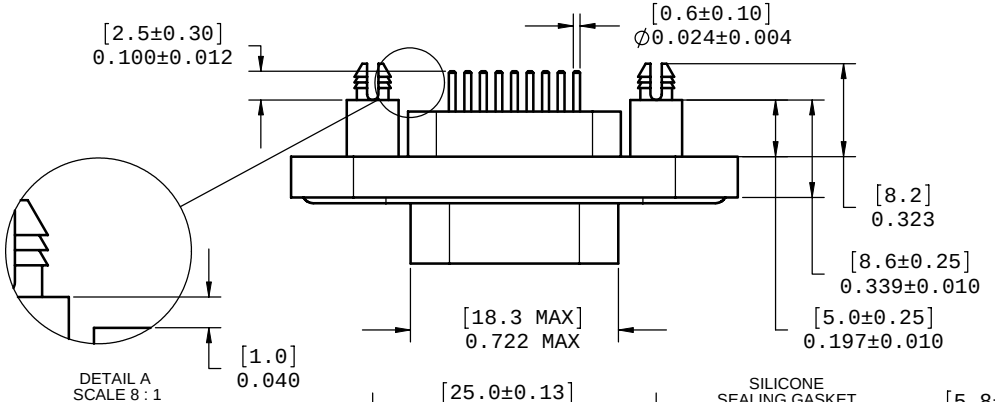
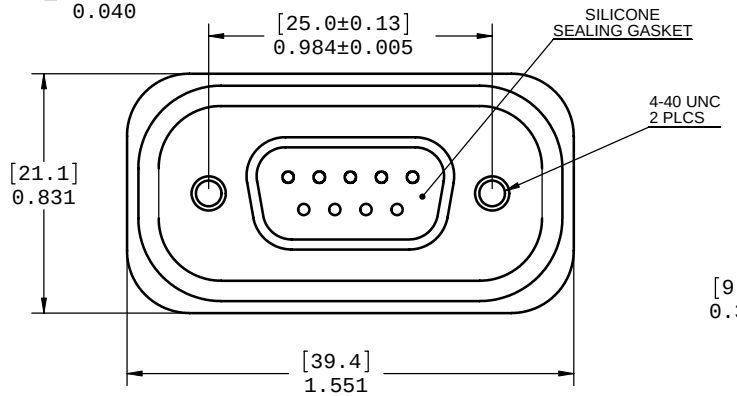
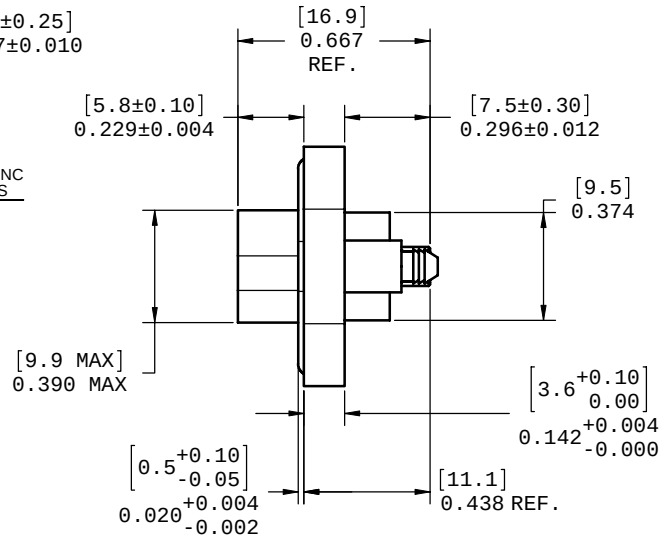
REV - DESCRIPT - DATE - APPRVD
A - UPDATED NOTES - 2006/06/16 - YK.
B - CHG SOLDER TAILS - 2006/07/19 - YK.
C - UPDATED MATERIALS - 2006/08/18 - YK.
D - STAKING ADDED: NOT APPROVED BY CUSTOMER - JUNE 16,07
E - O RING SIZE CHANGED - SEPT 28,07 - A.G.
F TIGHTENING TORQUE ADDED - OCT23,07-A.G.











NOTES:

1. MATERIAL:
   - SHELL: ZINC ALLOY 50 MICRO INCH MINIMUM NICKEL PLATING.
   - CONTACTS: COPPER ALLOY 30 MICRO INCH GOLD OVER 50 MICRO INCH NICKEL PLATING.
   - INSULATOR: THERMOPLASTIC POLYESTER RESIN (DSM) 94V-0 FLAMMABILITY RATING.
   - GASKETS: SILICONE RUBBER S7001R, 70 DUROMETER.
   - SEALING COMPOUND: STYCAST 2651 WITH CATALYST 11

2. FEATURES: SEALED CONNECTOR IN THE MATED AND UNMATED CONDITIONS.

3. OPERATING TEMPERATURE: -40°C TO +105°C.

4. ENVIRONMENT PERFORMANCE: IP67.

5. PART IS RoHS COMPLIANT.

6. REAR SEAL TO WITHSTAND TEMPERATURE EXPOSURE OF SOLDER BATH 265°C FOR 8 SEC & SOLDER PREHEAT 150°C FOR 180.

7. SEALED TO WITH PRESSURE UP TO 5 PSI AFTER HIGH TEMPERATURE EXPOSURE.

8. RECOMMENDED TORQUE FOR SCREW TIGHTENING:
   - STEEL SCREW WITH MORE THAN.090" OF THREAD ENGAGEMENT: 4.0 TO 5.75 IN-LBS
   - BRASS SCREW : 3.1 TO 4.5 IN-LBS

AMPHENOL PART NUMBER: MDB-E09PE-860

Amphenol Canada RoHS Compliant EU 2002/95/EC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETER TOLERANCES ARE:

DECIMALS .XX ± .10 .X ± .25 ANGLES ± 1°

MATERIAL AND FINISH

REF.

CODE IDENT. NO.

APPROVALS	DATE
DRAWN Y.KUZYK	2006/07/24
DESIGNED S.SEMENOV	2006/07/24
CHECKED	
QA APP'D	
IE APP'D	
DWG APP'D -	2006/07/24

Amphenol Canada Corp.

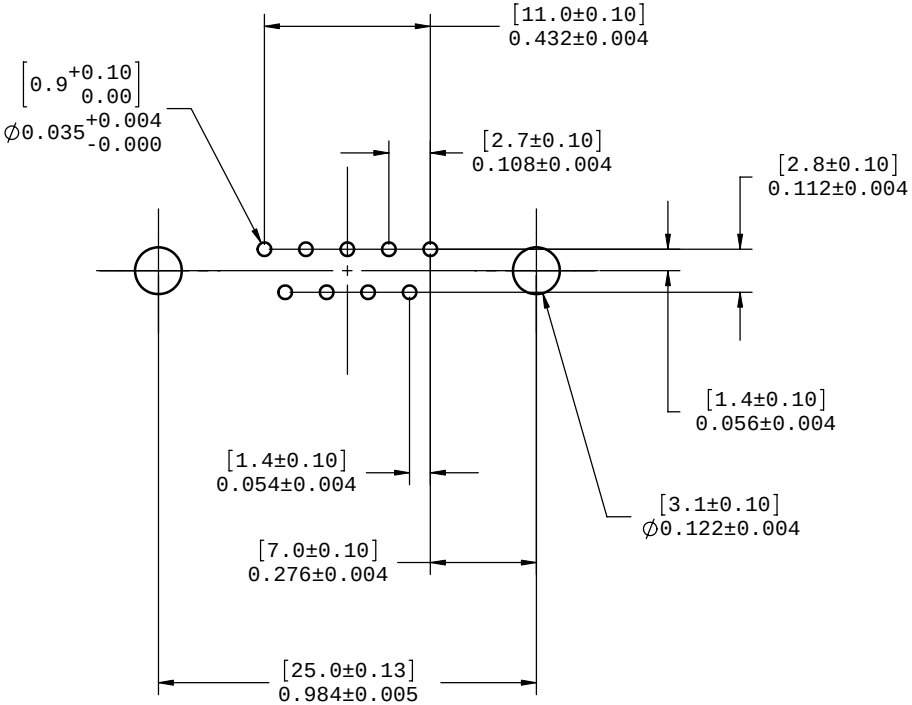
TITLE: 09 PIN CONNECTOR

SIZE	DWG. NO.	REV.
C	P-MDB-E09PE-860	F

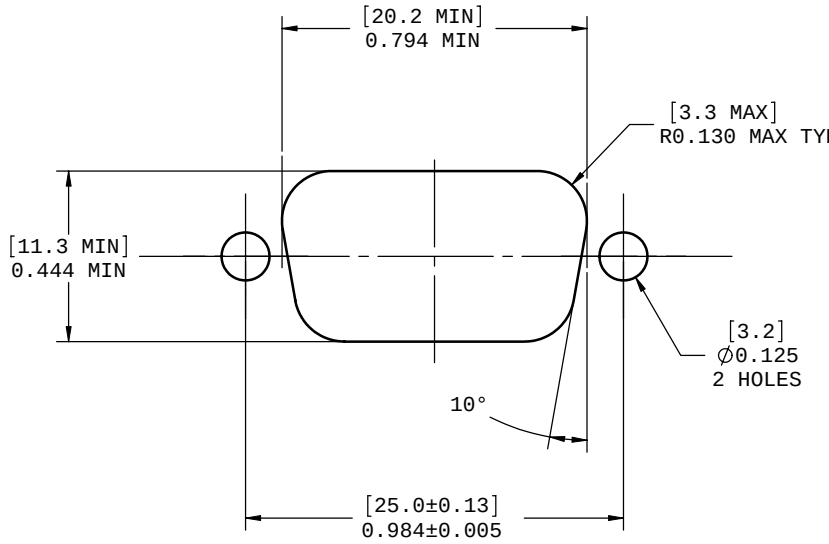
SCALE	PROJECT	SHEET
3:1	MDB	1 OF 2

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REV	DESCRIPT	DATE	APPRVD



PCB LAYOUT



EXISTING PANEL CUTOUT

Amphenol Canada RoHS Compliant EU 2002/95/EC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETER TOLERANCES ARE: DECIMALS .XX ± .10 .X ± .25 ANGLES ± 1°	APPROVALS	DATE	Amphenol Canada Corp.
	DRAWN Y.KUZYK	2006/07/24	
	DESIGNED S.SEMENOV	2006/07/24	TITLE: 09 PIN CONNECTOR
MATERIAL AND FINISH	CHECKED		
	QA APP'D		
REF.	IE APP'D		SIZE C / DWG. NO. P-MDB-E09PE-860 / REV. F
CODE IDENT. NO.	DWG APP'D -	2006/07/24	SCALE 4:1 / PROJECT MDB / SHEET 2 OF 2

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