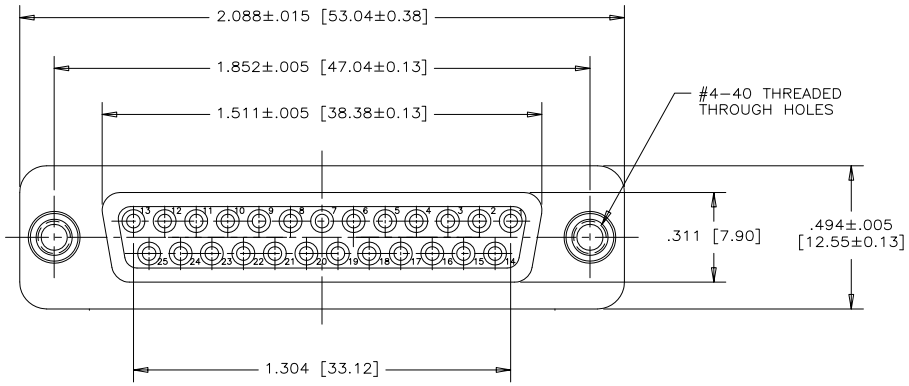
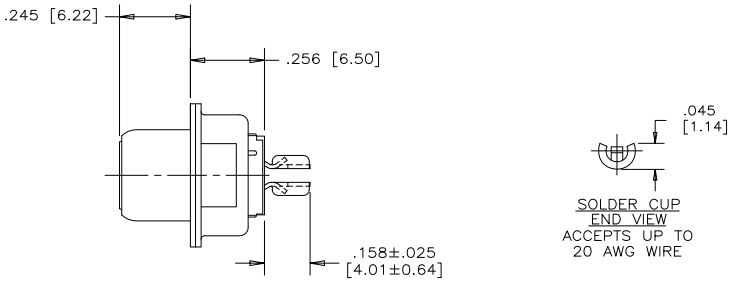
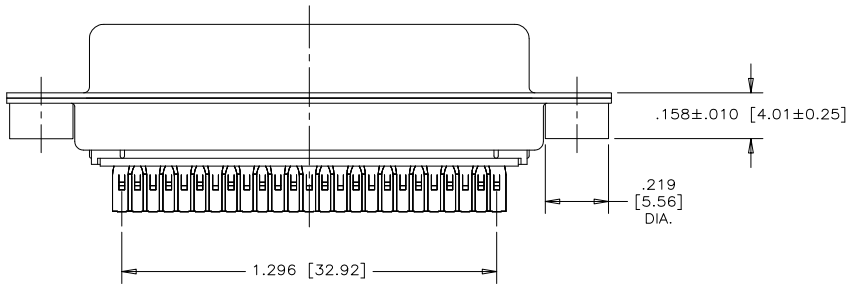
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DWG (EAR 14539)	MAR31/17	K.L.

ORDERING CODE: F C E 1 7 – B 2 5 S M – 4 4 1

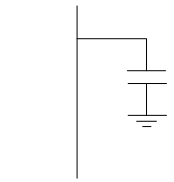
- SERIES: FCE17=FILTERED D–SUB, RoHS
- SIZE/NUMBER OF CONTACTS: B25=B SIZE SHELL, 25 CONTACTS
- CONNECTOR STYLE: S=SOCKET
- TERMINATION TYPE: M=SOLDER CUP CONTACT TAIL
- MOUNTING: 4=#4–40 UNC THREADED HOLES
- FILTER CAPACITANCE: 4=820 pF; REFER TO AMPHENOL CATALOGUE FOR FILTER PERFORMANCE CHARACTERISTICS
- MODIFIER: 1=SPECIAL REQUIREMENT CAPACITOR SUITABLE FOR 1000 VDC DWV







CAPACITANCE SCHEMATIC



NOTES:

1. MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT.
   - SHELL: STEEL, TIN PLATED
   - CONTACTS: PHOSPHOR BRONZE, PLATED WITH 15µ" [0.38 MICRONS] GOLD OVER 50µ" [1.27 MICRONS] MINIMUM NICKEL IN THE MATING AREA AND 100µ" [2.54 MICRONS] MINIMUM MATTE TIN ON THE TAILS.
   - INSULATOR: ENGINEERING THERMOPLASTIC, GLASS REINFORCED, UL FLAMMABILITY RATING 94V–0, COLOUR: BLACK
   - MOUNTING HARDWARE: STEEL, TIN PLATED
2. CONTACT RESISTANCE: 15 MILLIOHMS MAXIMUM
3. INSULATION RESISTANCE: 3000 MEGOHMS MINIMUM
4. CURRENT RATING: 5 AMPS MAXIMUM
5. CAPACITANCE: 820 pF ±15%
6. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VDC
7. OPERATING TEMPERATURE: –40°C TO 85°C

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN J. FRIESEN	MAR24/17
PRIMARY UNITS INCHES	CHECKED K. LAMBIE	MAR31/17
SECONDARY MILLIMETERS	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	
1 DECIMAL PLACE	ENG. REL. NO.	
2 DECIMAL PLACES	REF. EAR 14539	
3 DECIMAL PLACES ±.005	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
ANGULAR DEGREES		

Amphenol Canada Corp.
www.amphenolcanada.com

FCE17 SERIES FILTERED D–SUB CONNECTOR 25 SIZE SOCKET, SOLDER CUP CONTACTS, #4–40 THREADED HOLES, 1000 VDC DWV, RoHS COMPLIANT

DWG NO.	REV
P–FCE17–B25SM–441	A

CODE ID NO. 03554	DWG SIZE C	SCALE 3:1	SHEET 1 OF 1