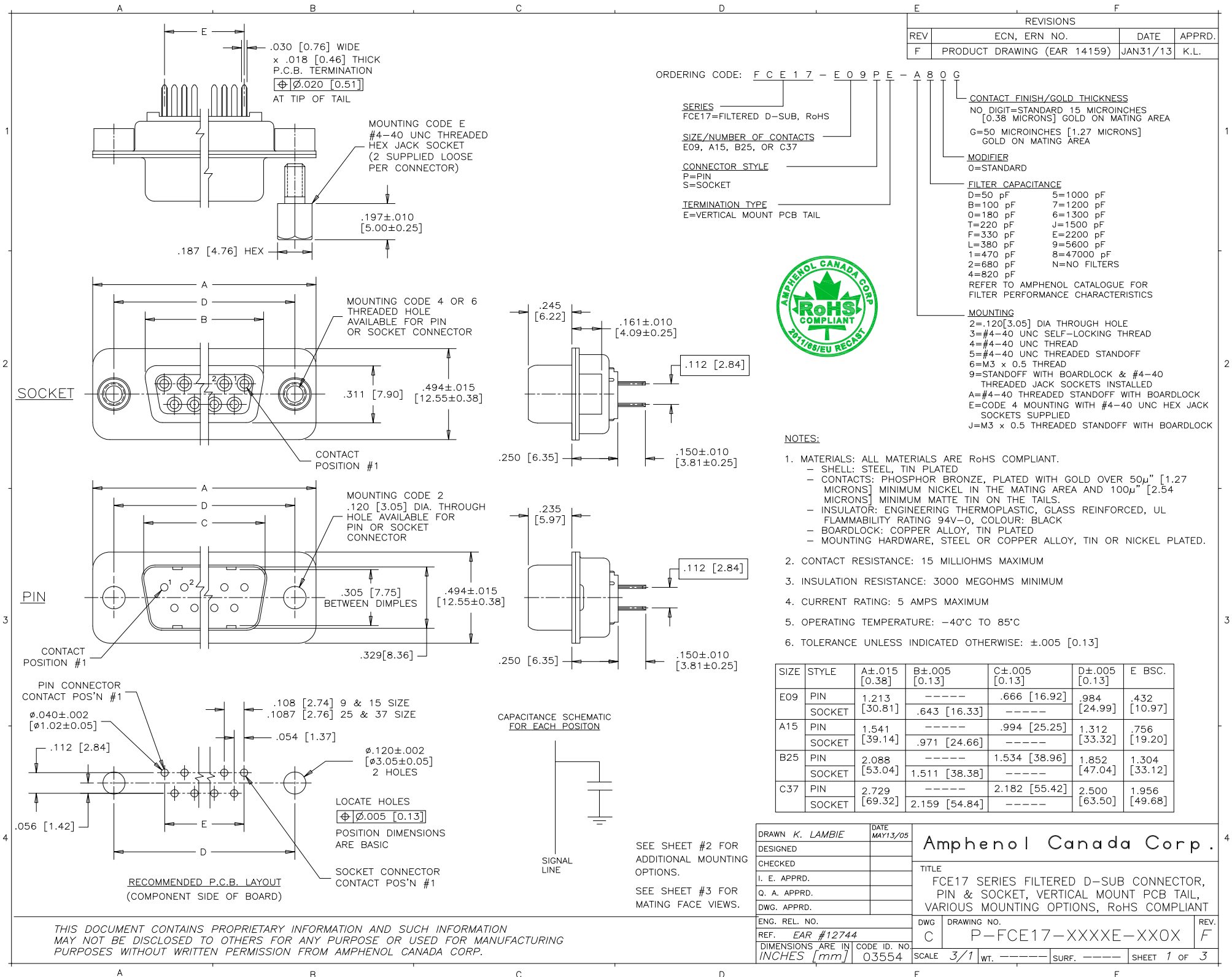




REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
F	PRODUCT DRAWING (EAR 14159)	JAN31/13	K.L.

ORDERING CODE: F C E 1 7 - E 0 9 P E - A 8 0 G

SERIES
FCE17=FILTERED D-SUB, RoHS

SIZE/NUMBER OF CONTACTS
E09, A15, B25, OR C37

CONNECTOR STYLE
P=PIN
S=SOCKET

TERMINATION TYPE
E=VERTICAL MOUNT PCB TAIL

CONTACT FINISH/GOLD THICKNESS
NO DIGIT=STANDARD 15 MICROINCHES
[0.38 MICRONS] GOLD ON MATING AREA
G=50 MICROINCHES [1.27 MICRONS]
GOLD ON MATING AREA

MODIFIER
0=STANDARD

FILTER CAPACITANCE
D=50 pF 5=1000 pF
B=100 pF 7=1200 pF
O=180 pF 6=1300 pF
T=220 pF J=1500 pF
F=330 pF E=2200 pF
L=380 pF 9=5600 pF
1=470 pF 8=47000 pF
2=680 pF N=NO FILTERS
4=820 pF

REFER TO AMPHENOL CATALOGUE FOR
FILTER PERFORMANCE CHARACTERISTICS

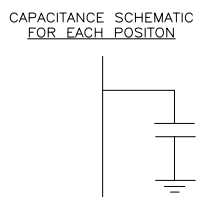
MOUNTING
2=.120[3.05] DIA THROUGH HOLE
3=#4-40 UNC SELF-LOCKING THREAD
4=#4-40 UNC THREAD
5=#4-40 UNC THREADED STANDOFF
6=M3 x 0.5 THREAD
9=STANDOFF WITH BOARDLOCK & #4-40
THREADED JACK SOCKETS INSTALLED
A=#4-40 THREADED STANDOFF WITH BOARDLOCK
E=CODE 4 MOUNTING WITH #4-40 UNC HEX JACK
SOCKETS SUPPLIED
J=M3 x 0.5 THREADED STANDOFF WITH BOARDLOCK



NOTES:

- MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT.
 - SHELL: STEEL, TIN PLATED
 - CONTACTS: PHOSPHOR BRONZE, PLATED WITH 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
 - BOARDLOCK: COPPER ALLOY, TIN PLATED
 - MOUNTING HARDWARE, STEEL OR COPPER ALLOY, TIN OR NICKEL PLATED.
- CONTACT RESISTANCE: 15 MILLIOHMS MAXIMUM
- INSULATION RESISTANCE: 3000 MEGOHMS MINIMUM
- CURRENT RATING: 5 AMPS MAXIMUM
- OPERATING TEMPERATURE: -40°C TO 85°C
- TOLERANCE UNLESS INDICATED OTHERWISE: ±.005 [0.13]

SIZE	STYLE	A±.015 [0.38]	B±.005 [0.13]	C±.005 [0.13]	D±.005 [0.13]	E BSC.
E09	PIN	1.213 [30.81]	-----	.666 [16.92]	.984 [24.99]	.432 [10.97]
	SOCKET		.643 [16.33]	-----		
A15	PIN	1.541 [39.14]	-----	.994 [25.25]	1.312 [33.32]	.756 [19.20]
	SOCKET		.971 [24.66]	-----		
B25	PIN	2.088 [53.04]	-----	1.534 [38.96]	1.852 [47.04]	1.304 [33.12]
	SOCKET		1.511 [38.38]	-----		
C37	PIN	2.729 [69.32]	-----	2.182 [55.42]	2.500 [63.50]	1.956 [49.68]
	SOCKET		2.159 [54.84]	-----		



SEE SHEET #2 FOR
ADDITIONAL MOUNTING
OPTIONS.

SEE SHEET #3 FOR
MATING FACE VIEWS.

DRAWN K. LAMBIE

DESIGNED

CHECKED

I. E. APPRD.

Q. A. APPRD.

DWG. APPRD.

ENG. REL. NO.

REF. EAR #12744

DIMENSIONS ARE IN INCHES [mm]

DATE MAY13/05

Amphenol Canada Corp.

TITLE
FCE17 SERIES FILTERED D-SUB CONNECTOR,
PIN & SOCKET, VERTICAL MOUNT PCB TAIL,
VARIOUS MOUNTING OPTIONS, RoHS COMPLIANT

DWG C

DRAWING NO.
P-FCE17-XXXXE-XX0X

REV. F

SCALE 3/1

WT. -----

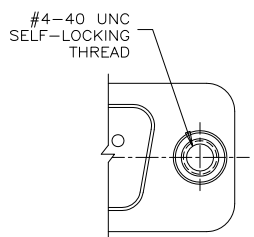
SURF. -----

SHEET 1 of 3

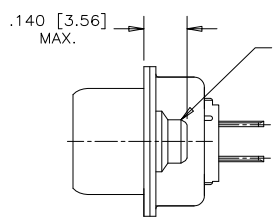
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
F	PRODUCT DRAWING (EAR 14159)	JAN31/13	K.L.

ADDITIONAL MOUNTING OPTIONS AVAILABLE
FOR PIN OR SOCKET CONNECTOR

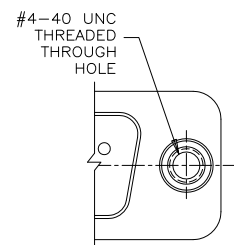


PARTIAL FRONT VIEW

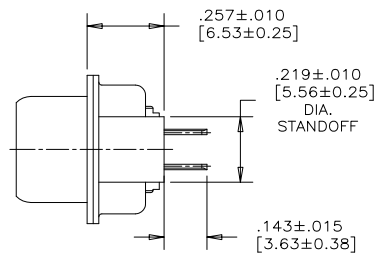


END VIEW

VIEW FOR E09, A15 & B25
SIZE. FOR C37 SIZE VIEW
SEE MOUNTING CODE 4, SHEET 1.



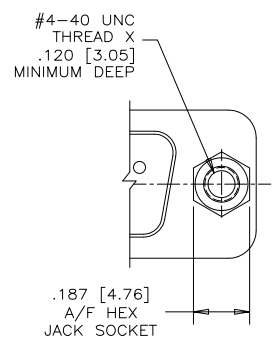
PARTIAL FRONT VIEW



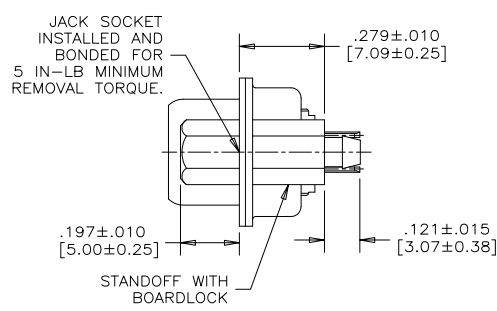
END VIEW

MOUNTING CODE 3

MOUNTING CODE 5



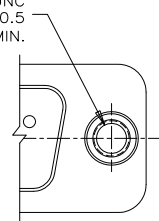
PARTIAL FRONT VIEW



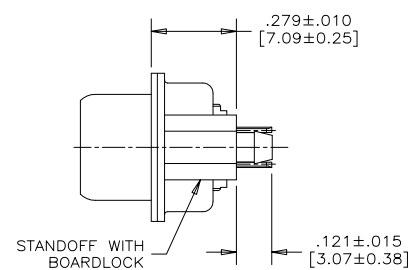
END VIEW

MOUNTING CODE 9

MOUNTING CODE A - #4-40 UNC
MOUNTING CODE J - M3 x 0.5
THREAD DEPTH .220 [5.59] MIN.



PARTIAL FRONT VIEW



END VIEW

MOUNTING CODES A & J

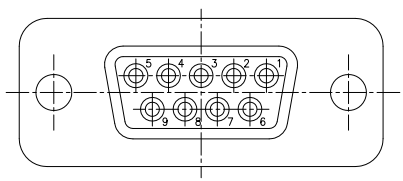


DRAWN K. LAMBIE		DATE MAY13/05		Amphenol Canada Corp.	
DESIGNED					
CHECKED					
I. E. APPRD.					
Q. A. APPRD.					
DWG. APPRD.				TITLE FCE17 SERIES FILTERED D-SUB CONNECTOR, PIN & SOCKET, VERTICAL MOUNT PCB TAIL, VARIOUS MOUNTING OPTIONS, RoHS COMPLIANT	
ENG. REL. NO.					
REF. EAR #12744		DWG C		DRAWING NO. P-FCE17-XXXXE-XXOX	
DIMENSIONS ARE IN INCHES [mm]		CODE ID. NO. 03554		REV. F	
		SCALE 3/1		WT. -----	
				SURF. -----	
				SHEET 2 OF 3	

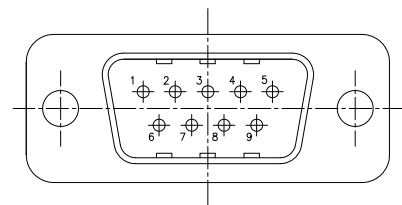
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
F	PRODUCT DRAWING (EAR 14159)	JAN31/13	K.L.

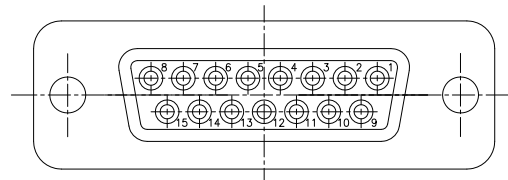
MATING FACE VIEWS
SHOWING CONTACT POSITION NUMBERS



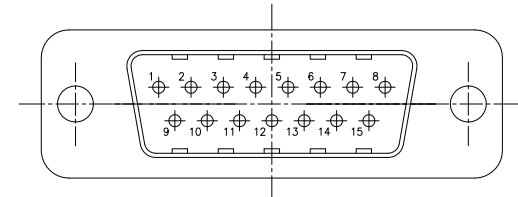
9 SIZE
SOCKET



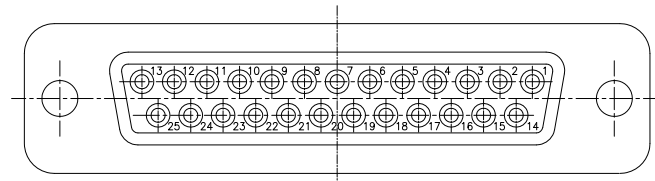
9 SIZE
PIN



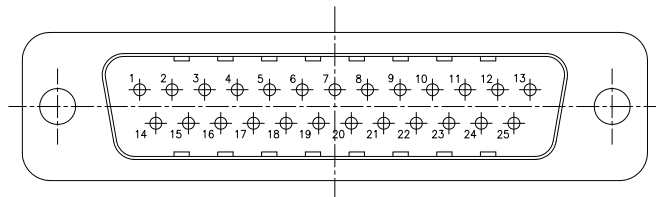
15 SIZE
SOCKET



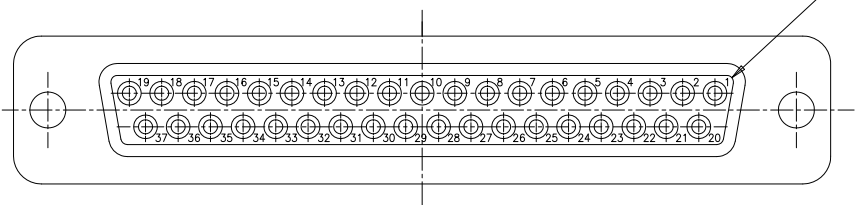
15 SIZE
PIN



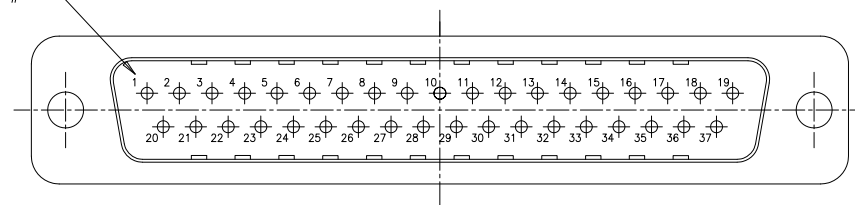
25 SIZE
SOCKET



25 SIZE
PIN



37 SIZE
SOCKET



37 SIZE
PIN



DRAWN K. LAMBIE	DATE MAY13/05
DESIGNED	
CHECKED	
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF. EAR #12744	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

Amphenol Canada Corp.			
TITLE FCE17 SERIES FILTERED D-SUB CONNECTOR, PIN & SOCKET, VERTICAL MOUNT PCB TAIL, VARIOUS MOUNTING OPTIONS, RoHS COMPLIANT			
DWG C	DRAWING NO. P-FCE17-XXXXE-XX0X	REV. F	
SCALE 3/1	WT. -----	SURF. -----	SHEET 3 OF 3

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[FCE17-B25SE-410](#) [FCE17-A15PE-240](#) [FCE17-E09SE-210](#) [FCE17-E09PE-510](#) [FCE17-E09PE-410](#) [FCE17-A15SE-410](#) [FCE17-E09SE-410](#) [FCE17-A15PE-410](#) [FCE17-A15PE-490](#) [FCE17-E09PE-A80G](#) [FCE17-E09SE-A50](#)