

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
B		PROPOSAL	JUL.07.09	A.G
C		ADD GENERAL TOLERANCES	JAN.06.11	A.G
D		ADD GROUNDING CLIP MATERIAL	JAN.10.11	A.G

MATERIAL NOTES:

PLASTIC HOUSING:  
HIGH TEMPERATURE LCP  
FLAMMABILITY RATING UL94V-0.

CONTACTS:

- PHOSPHOR BRONZE
- PLATING OPTION 2:  
30μ" [0.76 μm] MIN. GOLD ON MATING AREA AND 2 μ" (0.05 μm) GOLD FLASH PLATING ON TERMINATION OVER 50μ" [1.27 μm] MIN. NICKEL UNDER LAYER.
- PLATING OPTION 3:  
30μ" [0.76 μm] MIN. GOLD ON MATING AREA AND 150-300 μ" (3.81-7.62 μm) MIN. LOW WHISKER MATTE TIN PLATING ON TERMINATION OVER 50μ" [1.27 μm] MIN. NICKEL UNDER LAYER.
- PLATING OPTION 5:  
15μ" [0.38 μm] MIN. GOLD ON MATING AREA AND 2 μ" (0.05 μm) GOLD FLASH PLATING ON TERMINATION OVER 50μ" [1.27 μm] MIN. NICKEL UNDER LAYER.
- PLATING OPTION 6:  
15μ" [0.38 μm] MIN. GOLD ON MATING AREA AND 150-300 μ" (3.81-7.62 μm) MIN. LOW WHISKER MATTE TIN PLATING ON TERMINATION OVER 50μ" [1.27 μm] MIN. NICKEL UNDER LAYER.
- LUBRICANT OPTION: LUBRICANT CAN BE ADDED ON THE CONTACTS MATING AREA (SEE P/N FOR THE OPTION)

GROUNDING CLIP:

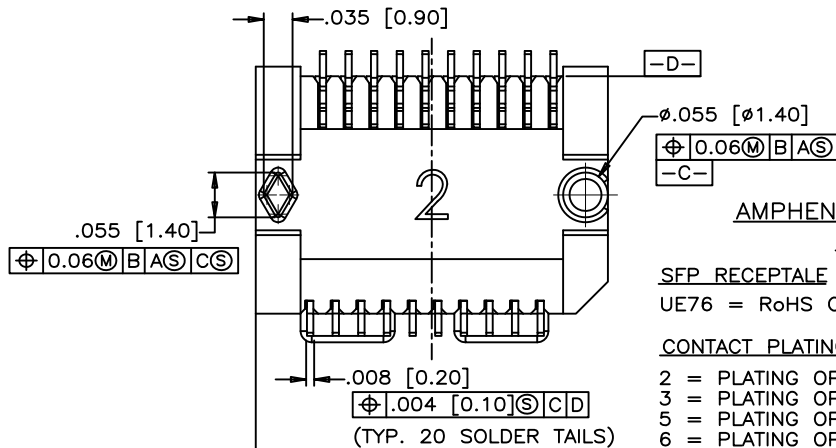
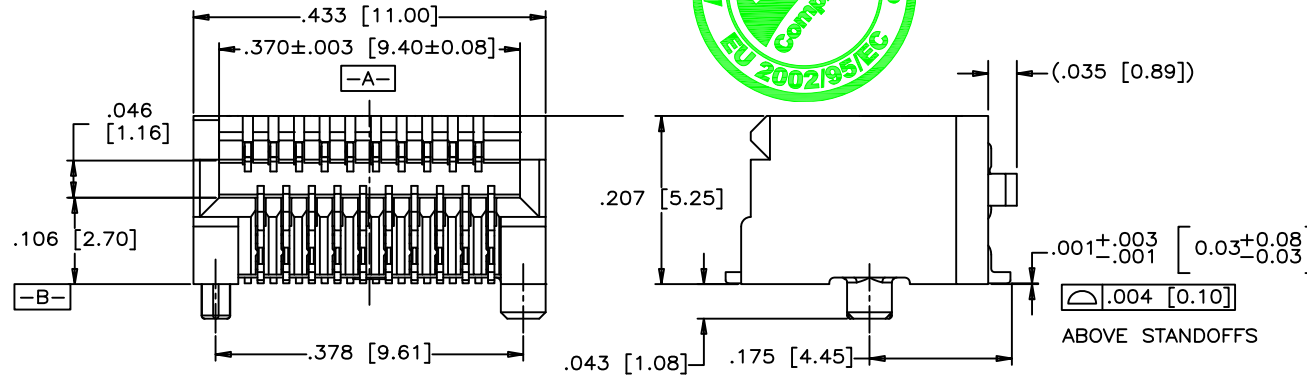
- PHOSPHOR BRONZE
- PLATING FINISH:  
30-100μ" [0.76-2.54 μm] NICKEL.

PACKAGING:

TAPE AND REEL.

TEMPERATURE RANGE:

-40°C TO +85°C



AMPHENOL PART NUMBER CONFIGURATION

UE76 - A 20 - X 0 1 X T

SFP RECEPTACLE

UE76 = RoHS COMPLIANT

CONTACT PLATING

- 2 = PLATING OPTION 2 (SEE MATERIAL NOTES)
- 3 = PLATING OPTION 3 (SEE MATERIAL NOTES)
- 5 = PLATING OPTION 5 (SEE MATERIAL NOTES)
- 6 = PLATING OPTION 6 (SEE MATERIAL NOTES)

LUBRICANT OPTION ON MATING AREA

- 0 = NO
- 1 = YES

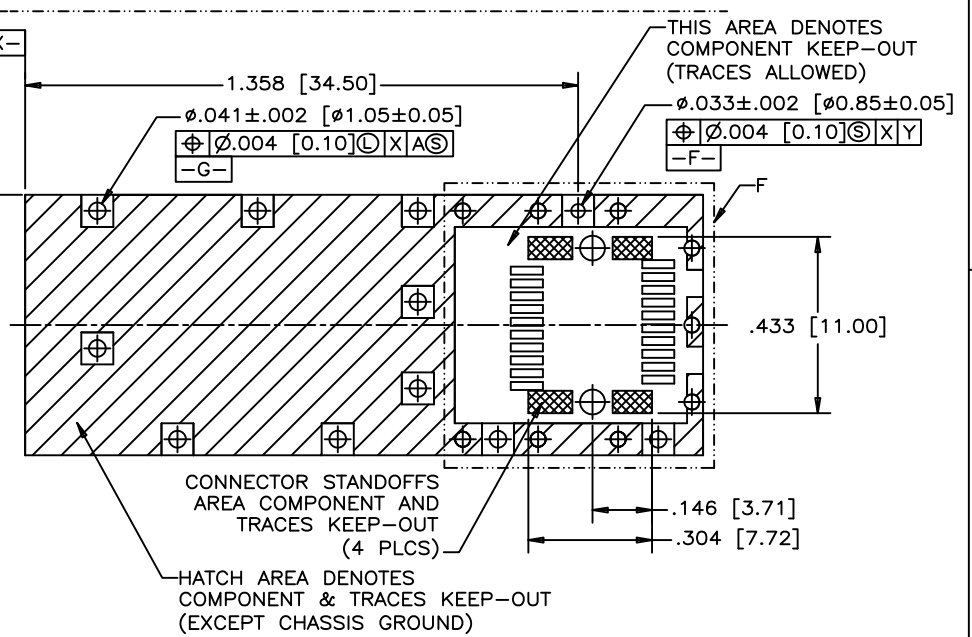
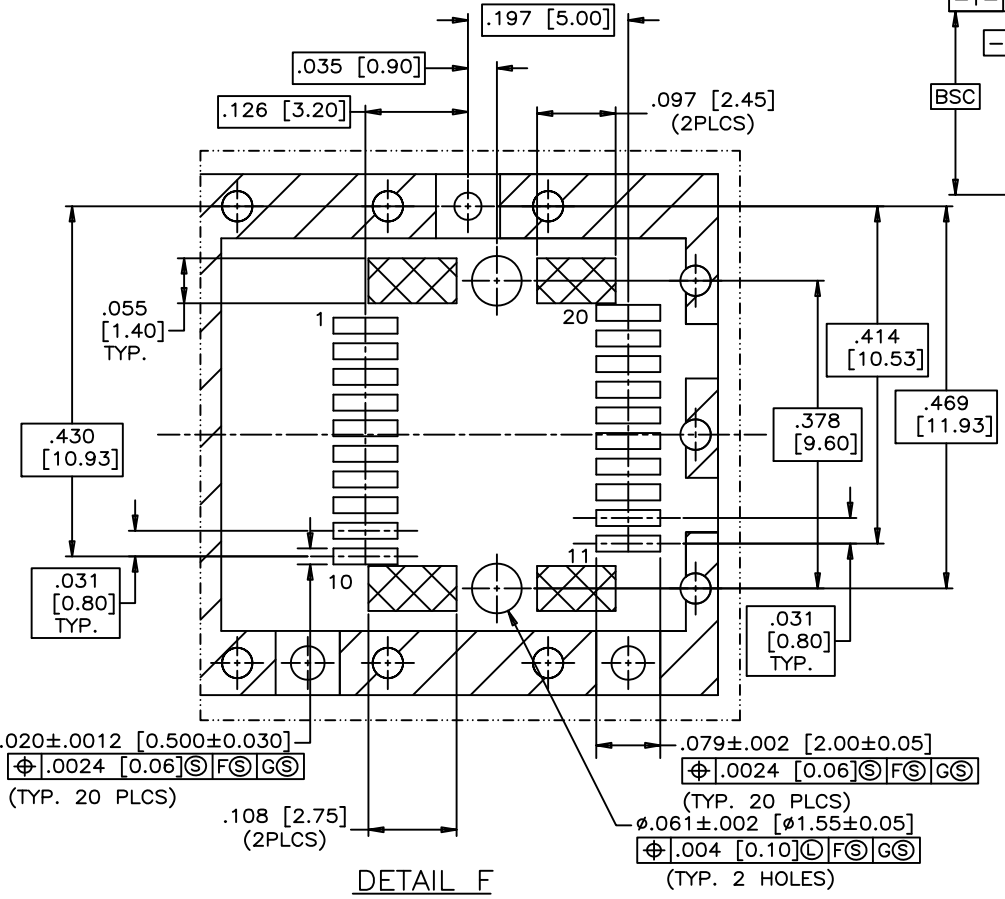
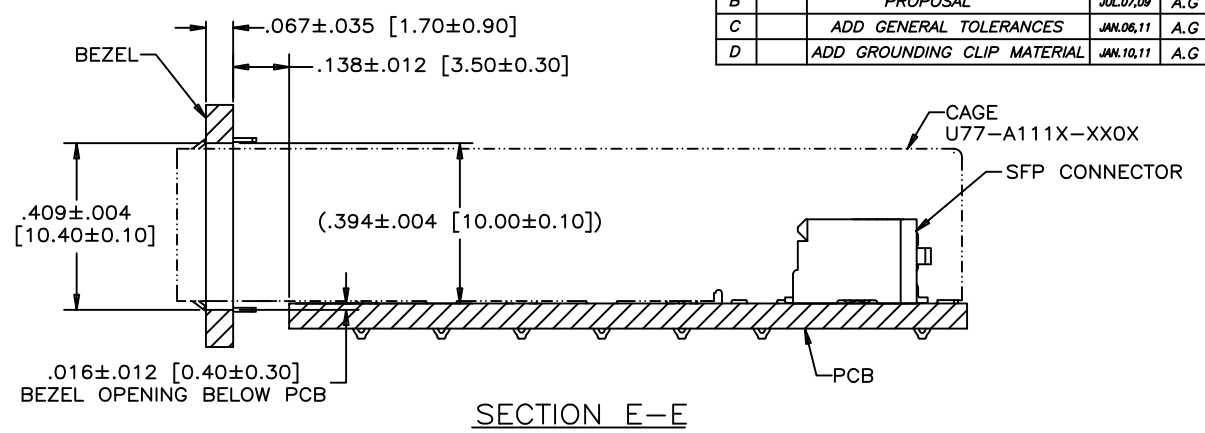
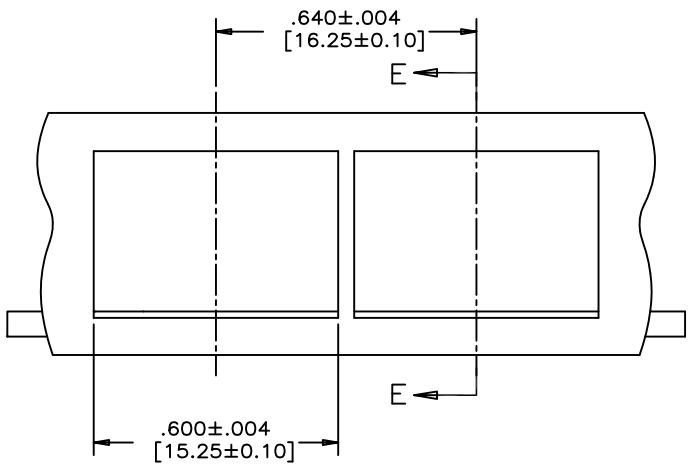
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GENERAL TOLERANCES		INCH	MILLIMETERS
DECIMALS		X.XX±0.014	X.X±0.35
		X.XXX±0.010	X.XX±0.25
ANGLES		X°±1°	X'X"±0.5"

DRAWN	ChigowX	DATE	MAY.15.09
DESIGNED			
CHECKED	J.SI	DATE	MAY.15.09
I. E. APPRD.			
Q. A. APPRD.			
DWG. APPRD.	A.G	DATE	MAY.15.09
ENG. REL. NO.			
REF.			
DIMENSIONS ARE IN	INCHES [mm]	CODE ID. NO.	03554

Amphenol Canada Corp.			
TITLE SFP+ 20 POSITION HIGH SPEED CONNECTOR WITH METAL CLIP RECEPTACLE FIXED BOARD, RIGHT ANGLE SMT OPTIONAL PLATING AND LUBRICANT ON MATING			
DWG	DRAWING NO.	REV.	
A	P-UE76-A20-X01XT	D	
SCALE	4/1	WT.	SHEET 1 OF 3

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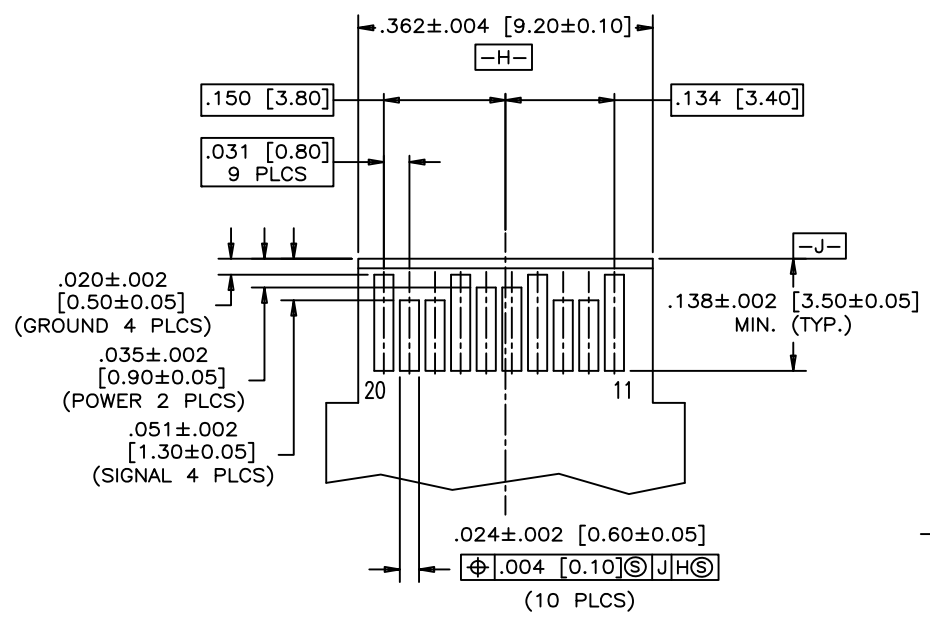


GENERAL TOLERANCES			DRAWN	DATE
DECIMALS	X.XX±0.004	X.X±0.10	ChigowX	MAY.15.09
ANGLES	X°±1'	X.X°±0.5°	J.SI	MAY.15.09
			I. E. APPRD.	
			Q. A. APPRD.	
			DWG. APPRD.	A.G MAY.15.09
			ENG. REL. NO.	
			REF.	
			DIMENSIONS ARE IN	CODE ID. NO
			INCHES (mm)	03554

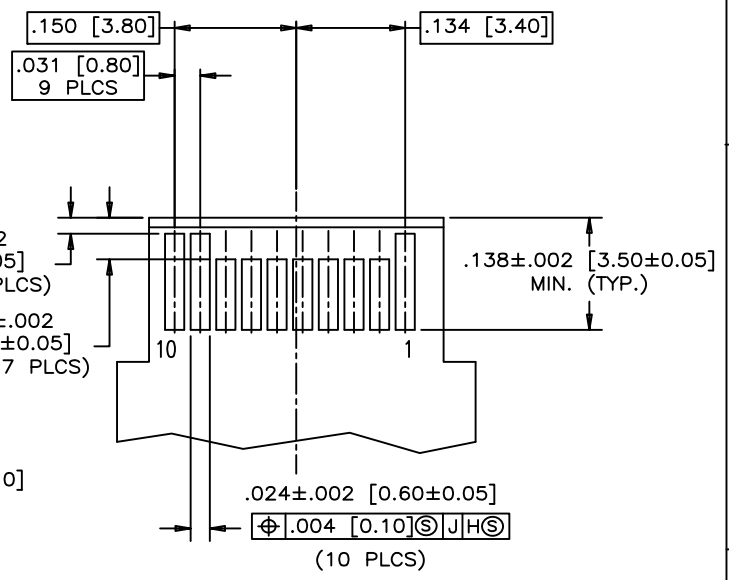
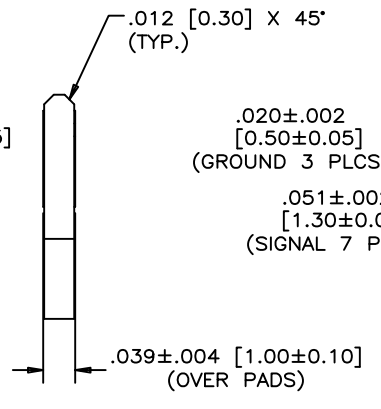
Amphenol Canada Corp.		
TITLE SFP+ 20 POSITION HIGH SPEED CONNECTOR WITH METAL CLIP RECEPTACLE FIXED BOARD, RIGHT ANGLE SMT OPTIONAL PLATING AND LUBRICANT ON MATING		
DWG	DRAWING NO.	REV.
A	P-UE76-A20-X01XT	D
SCALE	4/1	WT. _____
SURF.	_____	SHEET 2 OF 3

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TOP VIEW OF BOARD



BOTTOM VIEW OF BOARD

RECOMMENDED LAYOUT DETAIL  
MATING TRANSCEIVER PCB

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DRAWN		ChigowX		DATE		MAY.15.09	
DESIGNED							
CHECKED		J.SI		DATE		MAY.15.09	
I. E. APPRD.							
Q. A. APPRD.							
DWG. APPRD.		A.G		DATE		MAY.15.09	
ENG. REL. NO.							
REF.							
DIMENSIONS ARE IN		INCHES [mm]		CODE ID. NO.		03554	
DECIMALS		X.XX±0.004 X.X±0.10					
ANGLES		X°±1° X.X°±0.5°					
GENERAL TOLERANCES				TITLE			
				Amphenol Canada Corp.			
				SFP+ 20 POSITION HIGH SPEED CONNECTOR WITH METAL CLIP			
				RECEPTACLE FIXED BOARD, RIGHT ANGLE SMT			
				OPTIONAL PLATING AND LUBRICANT ON MATING			
DWG		DRAWING NO.		REV.			
A		P-UE76-A20-X01XT		D			
SCALE		4/1		WT.		SURF.	
						SHEET 3 OF 3	