

AMPHENOL PART NUMBER CONFIGURATION

UX76 - A 20 - X 0 0 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

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	SEP.22.08	A.G
B		UPDATED	MAR.11.09	A.G
C		ADD GENERAL TOLERANCES	JAN.06.11	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)

PACKAGING:

TAPE AND REEL.

TEMPERATURE RANGE:

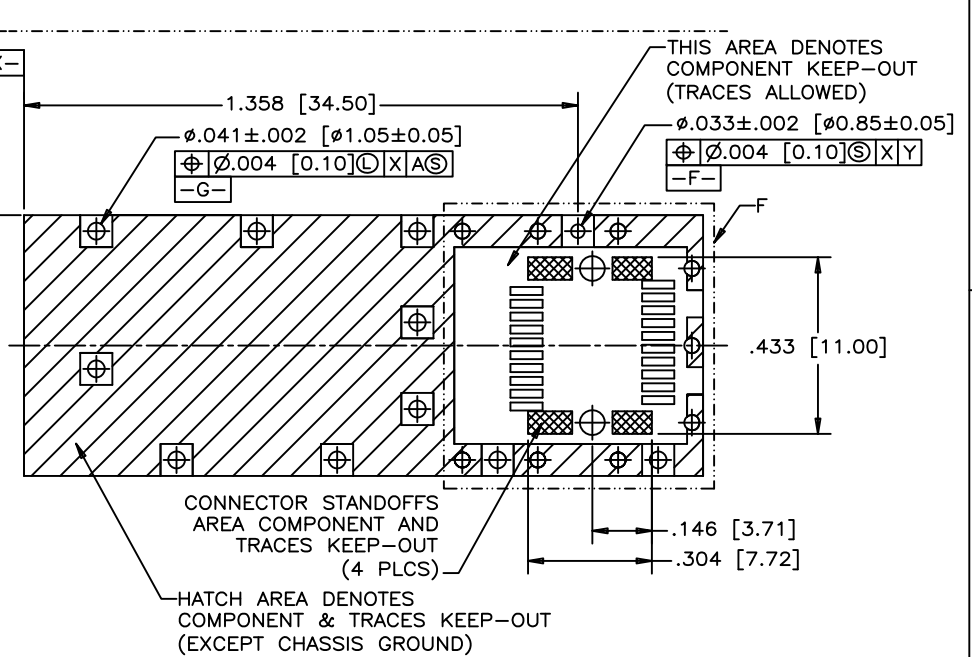
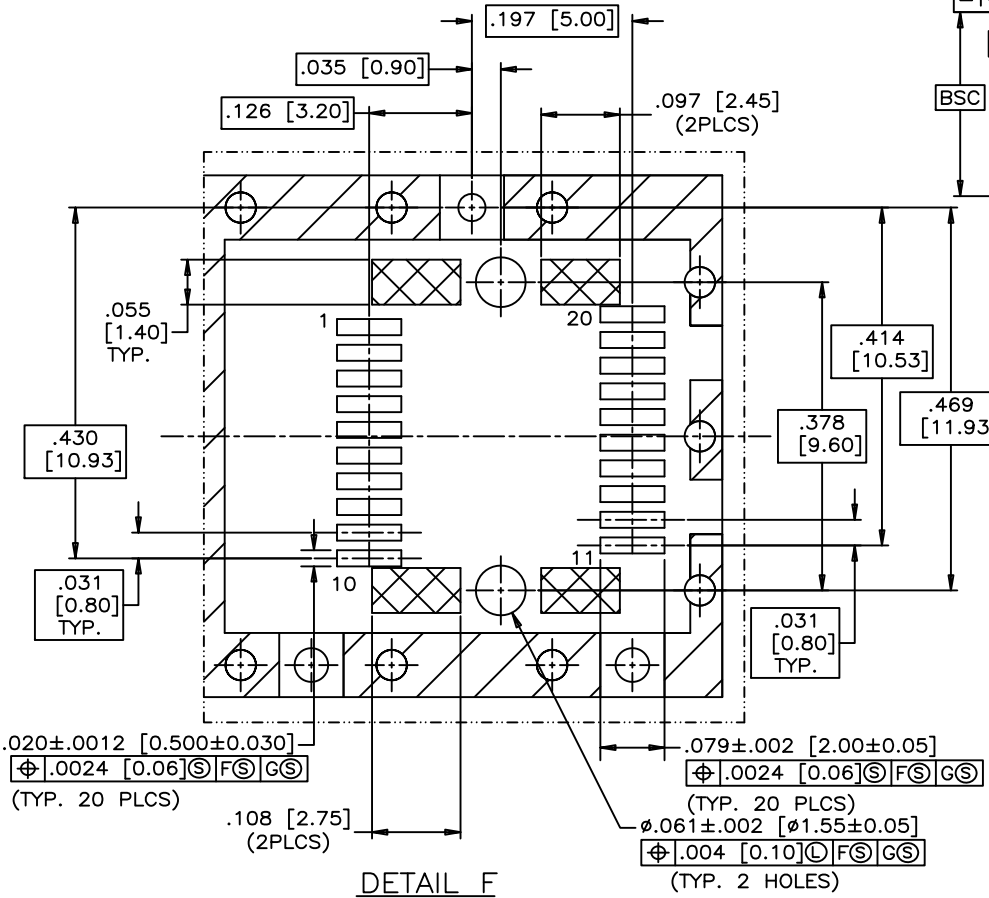
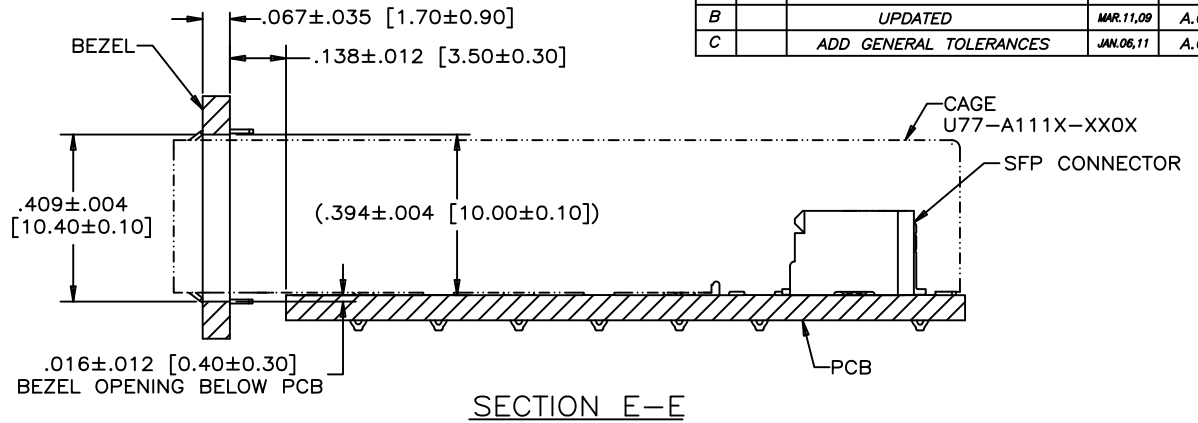
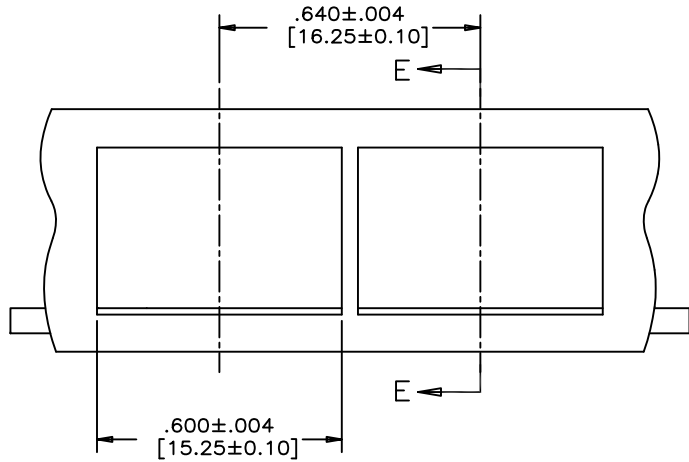
-40°C TO +85°C



DRAWN <i>JaneZ</i> DATE SEP.22.08		Amphenol Canada Corp.	
DESIGNED			
CHECKED <i>J.SI</i> DATE SEP.22.08		TITLE	
I. E. APPRD.		SFP+ 20 POSITION HIGH SPEED CONNECTOR RECEPTACLE FIXED BOARD, RIGHT ANGLE SMT OPTIONAL PLATING AND LUBRICANT ON MATING	
Q. A. APPRD.		DWG	DRAWING NO.
GENERAL TOLERANCES		A	P-UX76-A20-X00XX
INCH	MILLIMETERS	ENG. REL. NO.	REV. C
X.XX±0.014	X.X±0.35	REF.	
X.XXX±0.010	X.XX±0.25	DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554
ANGLES X°±1°	X'X'±0.5°	SCALE 4/1	WT. ----- SURF. ----- SHEET 1 OF 3

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C		ADD GENERAL TOLERANCES	JAN.06.11	A.G



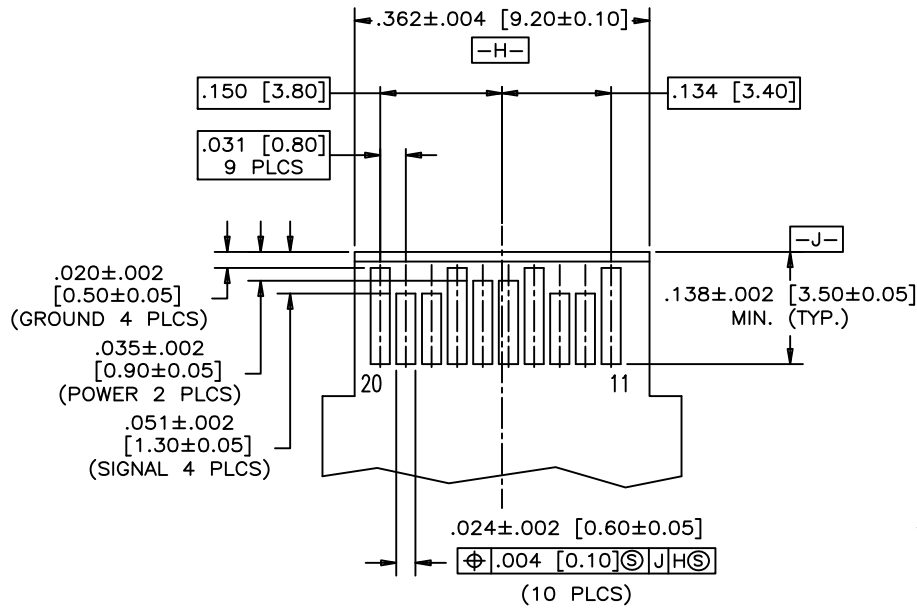
DRAWN	JaneZ	DATE	SEP.22.08
DESIGNED			
CHECKED	J.SI	DATE	SEP.22.08

Amphenol Canada Corp.	
TITLE SFP+ 20 POSITION HIGH SPEED CONNECTOR RECEPTACLE FIXED BOARD, RIGHT ANGLE SMT OPTIONAL PLATING AND LUBRICANT ON MATING	
DWG	DRAWING NO. P-UX76-A20-X00XX
REV.	C
SCALE	2/1
WT.	
SURF.	
SHEET	2 OF 3

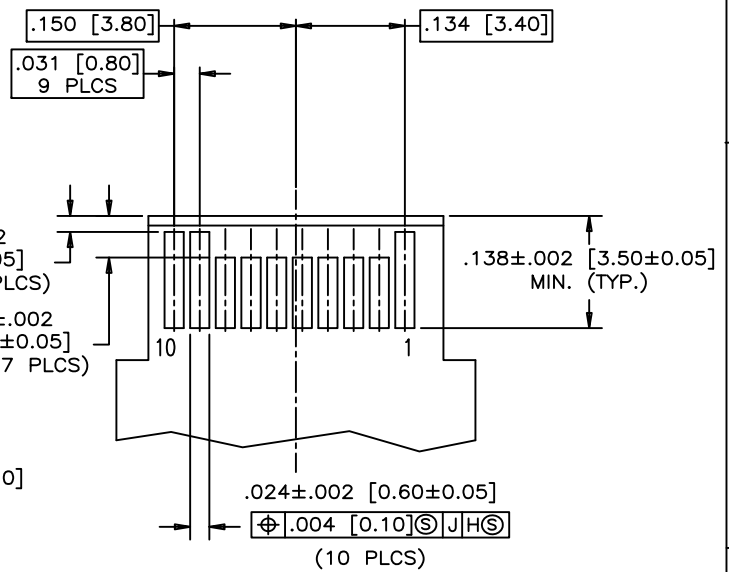
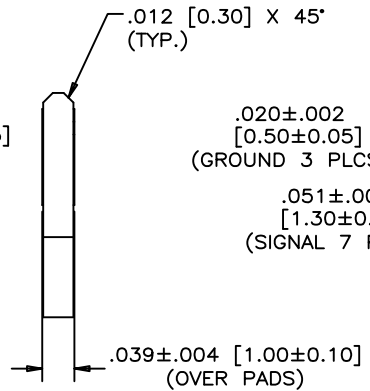
GENERAL TOLERANCES			
DECIMALS	INCH	MILLIMETERS	REF.
	X.XX±0.004	X.X±0.10	ENG. REL. NO.
	X.XXX±0.002	X.XX±0.05	REF. X
ANGLES	X°±1°		
	X.X°±0.5°		

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TOP VIEW OF BOARD



BOTTOM VIEW OF BOARD

RECOMMENDED LAYOUT DETAIL
MATING TRANSCEIVER PCB

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DRAWN <i>JaneZ</i> DATE SEP.22.08		Amphenol Canada Corp.	
DESIGNED			
CHECKED <i>J.SI</i> DATE SEP.22.08			
TITLED		SFP+ 20 POSITION HIGH SPEED CONNECTOR RECEPTACLE FIXED BOARD, RIGHT ANGLE SMT OPTIONAL PLATING AND LUBRICANT ON MATING	
DWG. APPRD. A.G DATE SEP.22.08		DWG. A	DRAWING NO. P-UX76-A20-X00XX
ENG. REL. NO.		REV. C	
REF. X		SCALE 4:1 WT. _____ SURF. _____ SHEET 3 OF 3	
DIMENSIONS ARE IN INCHES [mm]		CODE ID. NO. 03554	
GENERAL TOLERANCES			
DECIMALS	X.XX±0.004 X.X±0.10		
ANGLES	X°±1° X.X°±0.5°		