

AMPHENOL PART NUMBER CONFIGURATION
U 9 5 - B 3 0 5 - X X X 1 - X X 0

CAGE & CONNECTOR CONTACT PLATING

2 = 0.76 µm MIN. GOLD ON MATING AREA,
3.81-7.62 µm TIN/LEAD ON TERMINATION.
Ni PLATING FOR CAGE

3 = 0.38 µm MIN. GOLD ON MATING AREA,
3.81-7.62 µm TIN/LEAD ON TERMINATION.
Ni PLATING FOR CAGE

4 = 0.76 µm MIN. GOLD OVER 1.27-3.81 µm OF NICKEL
ON MATING AREA
0.381-1.52 µm OF MATTE TIN OVER 1.27-3.81
µm OF NICKEL ON PRESS FIT TAIL AREA.
Ni PLATING FOR CAGE

OPTIONAL DUST COVER

0 = WITHOUT DUST COVER
D = WITH DUST COVER

VENT HOLES AND EMI COVER

0 = WITH LARGE VENT HOLES & WITH EMI COVER
1 = WITH LARGE VENT HOLES, NO EMI COVER
2 = WITH SMALL VENT HOLES, WITH EMI COVER
3 = WITH SMALL VENT HOLES, NO EMI COVER
4 = WITH RECTANGULAR VENT HOLES & WITH EMI COVER
5 = WITH RECTANGULAR VENT HOLES, NO EMI COVER
6 = WITH LARGE VENT HOLES & HEAT SINK

EMI GASKET

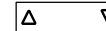
1 = CHOMERICS 1273 CONDUCTIVE ELASTOMER
2 = CHOMERICS S6305 CONDUCTIVE ELASTOMER

OPTIONAL LIGHT PIPES

6 = WITH LIGHT PIPE (TRIANGULAR OUTLET)
LEFT ARROW POINTING BOTTOM PORT &
RIGHT ARROW POINTING TOP PORT
7 = WITHOUT LIGHT PIPE
8 = WITH LIGHT PIPE (REVERSED DIRECTION)
LEFT ARROW POINTING TOP PORT &
RIGHT ARROW POINTING BOTTOM PORT

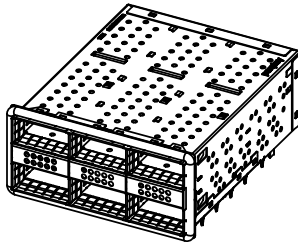


REFERENCE VIEW FOR OPTION 6 ONLY

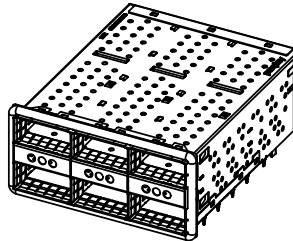


REFERENCE VIEW FOR OPTION 8 ONLY

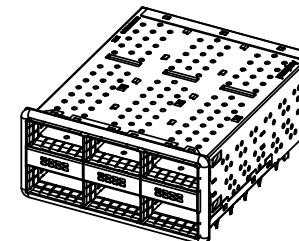
PART # U95-B305-XD71-X30 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITH DUST COVER AND WITHOUT LIGHT PIPE)



PART # U95-B305-X071-X10 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITHOUT LIGHT PIPE)



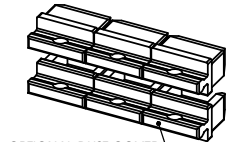
PART # U95-B305-X071-X50 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITHOUT LIGHT PIPE)



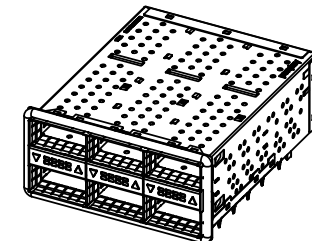
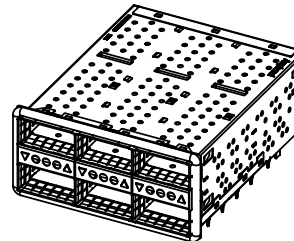
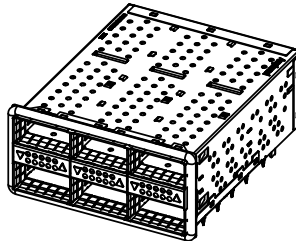
PART # U95-B305-X061-X30 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITH LIGHT PIPE)

PART # U95-B305-X061-X10 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITH LIGHT PIPE)

PART # U95-B305-X061-X50 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITH LIGHT PIPE)



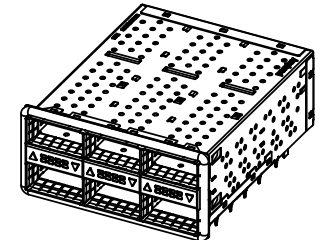
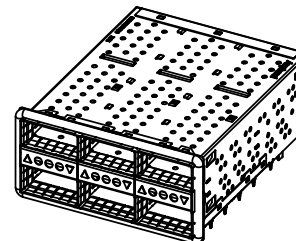
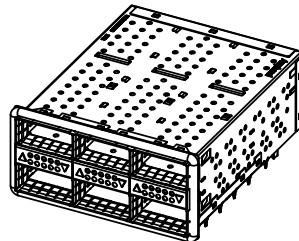
OPTIONAL DUST COVER
P/N U90-1401-8000BP
(SHIPPED LOOSE)



PART # U95-B305-X081-X30 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITH LIGHT PIPE)

PART # U95-B305-X081-X10 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITH LIGHT PIPE)

PART # U95-B305-X081-X50 SHOWN
(CAGE & CONNECTOR ASSEMBLY,
WITHOUT DUST COVER AND WITH LIGHT PIPE)



NOTES:

- MATERIAL
CAGE-PRESS FIT: COPPER ALLOY, NICKEL PLATED
CONNECTOR-PRESS FIT: PLASTIC HOUSING, FLAMMABILITY RATING UL94 V-0.
CONTACTS : PHOSPHOR BRONZE
PLATING OPTION: SEE AMPHENOL PART NO CONFIGURATION
EMI GASKET: CONDUCTIVE ELASTOMER
EMI FINGERS: PHOSPHOR BRONZE WITH NICKEL PLATING
LIGHT PIPE: GE LEXAN, OPTICAL GRADE
- CONNECTOR AND CAGE ASSEMBLY IS RoHS COMPLIANT.

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REVISIONS

REV	DESCRIPTION, ECN, EAR NO.	DATE	APPD
A	PROPOSAL DRAWING	FEB 15/12	ZLJ
B	HEAT SINK CONFIGURATION ADDED	MAY 10/12	KH
C	AHSI DESIGNATION ADDED	MAY 17/12	ZLJ

THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE.



UNLESS SPECIFIED OTHERWISE	DRAWN	K.Haider	FEB 15, 12
PRIMARY UNITS	MILLIMETERS	CHECKED	Z. Ljubijankic
SECONDARY	MILLIMETERS	M.E. APPD	
REFERENCE IN PARENTHESES		Q.A. APPD	
GENERAL TOLERANCES		DWG APPR	Z. Ljubijankic
1. DECIMAL PLACE	0.X ±0.25	ENG. REL. NO.	
2. DECIMAL PLACES	0.XX ±0.15	REF.	
3. ANGULAR DEGREES	X° ±1°	THIRD ANGLE PROJECTION	
4. ANGULAR DEGREES	X.X° ±0.5°	DO NOT SCALE DRAWING	

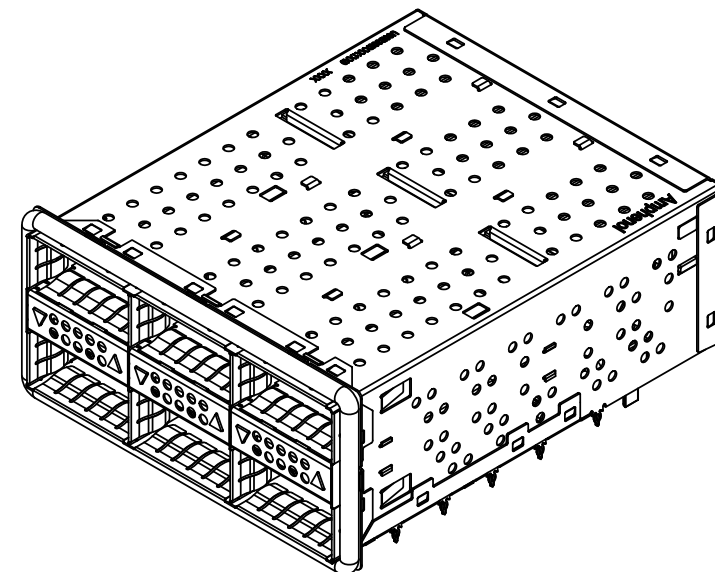
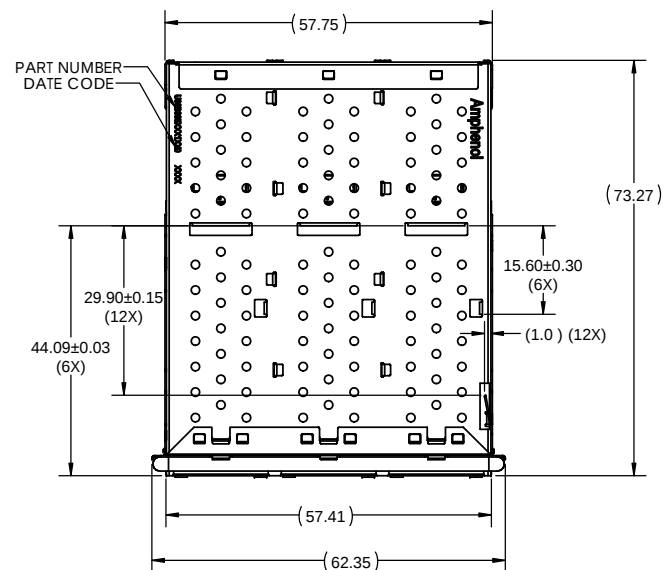
Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

QSFP+ 2X3 STACKED
COMBO
4X25

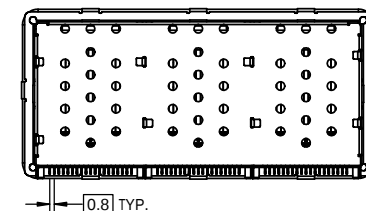
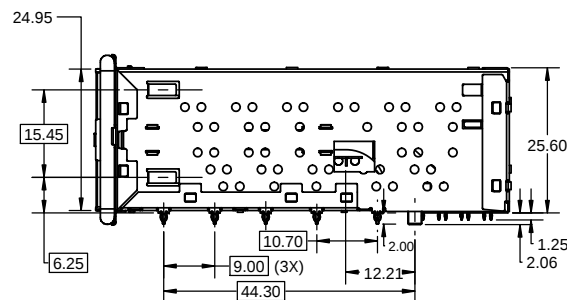
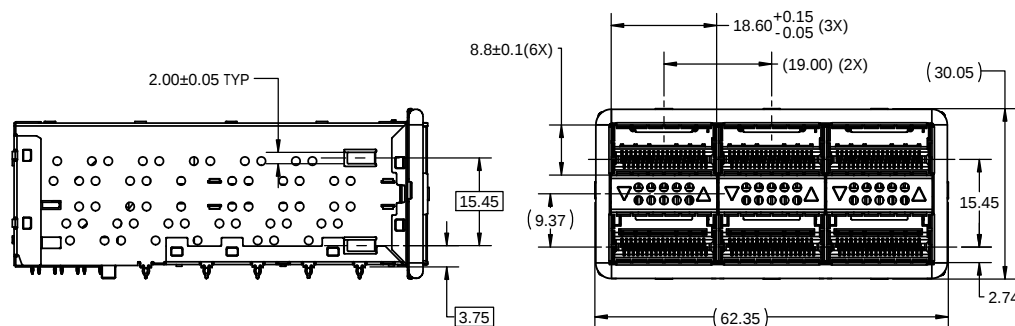
P-U95-B305-XXX1-XX0

CODE ID NO. 03554 DWG SIZE: C SCALE: 4:1 SHEET 1 OF 4

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
C	SEE PAGE ONE	MAY 17/12	ZLJ



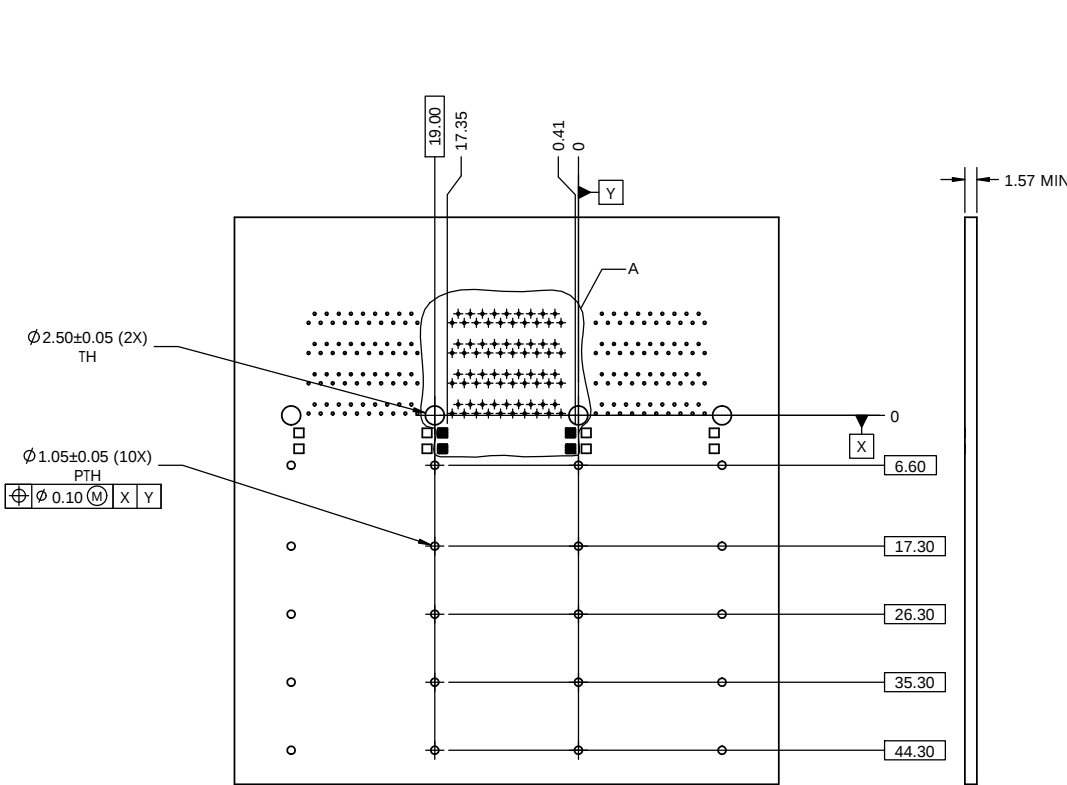
PART # U95-B305-X061-X30 SHOWN



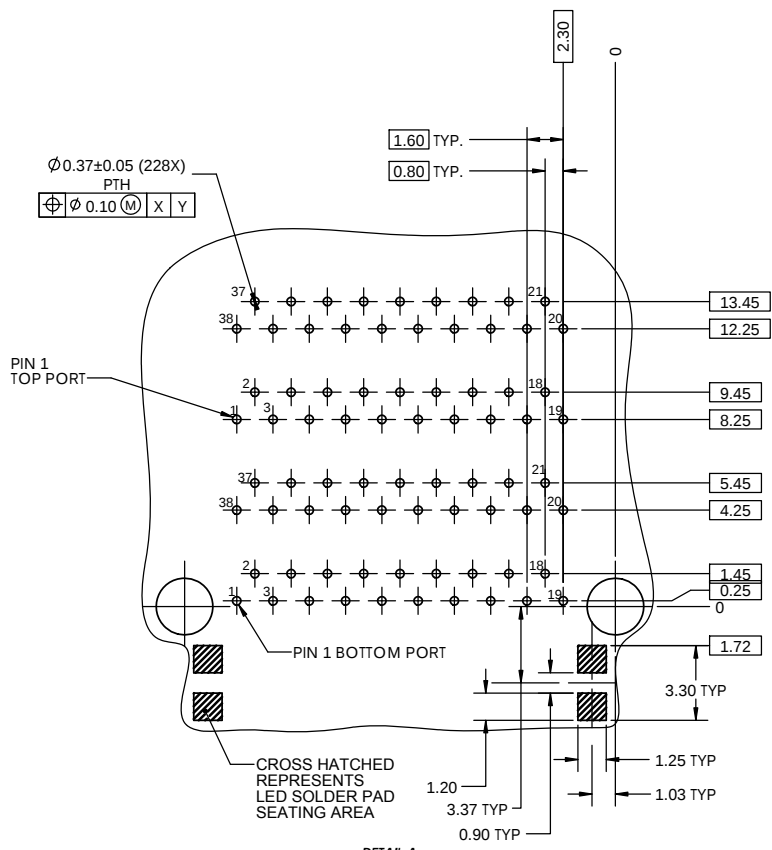
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UNLESS SPECIFIED OTHERWISE		DRAWN	K.Haider	FEB 15, 12	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
PRIMARY UNITS	MILLIMETERS	CHECKED	Z. Ljubijankic	FEB 15, 12	
SECONDARY	MILLIMETERS	M.E. APP'D			
REFERENCE IN PARENTHESES		Q.A. APP'D			
GENERAL TOLERANCES		DWG APPR	Z. Ljubijankic	FEB 15, 12	QSFP+ 2X3 STACKED COMBO 4X25 P-U95-B305-XXX1-XX0
1. DECIMAL PLACE	0.X±0.25	ENG. REL. NO.			
2. DECIMAL PLACES	0.XX±0.15	REF.			
3. ANGULAR DEGREES	X°±1°	THIRD ANGLE PROJECTION			
4. ANGULAR DEGREES	X.X°±0.5°				
DWG. NO. P-U95-B305-XXX1-XX0					REV C
CODE ID NO. 03554 DWG SIZE: C SCALE: 4:1 SHEET 2 OF 4					

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APPD
C	SEE PAGE ONE	MAY 17/12	ZLJ



RECOMMENDED PCB BOARD LAYOUT
COMPONENT SIDE SHOWN

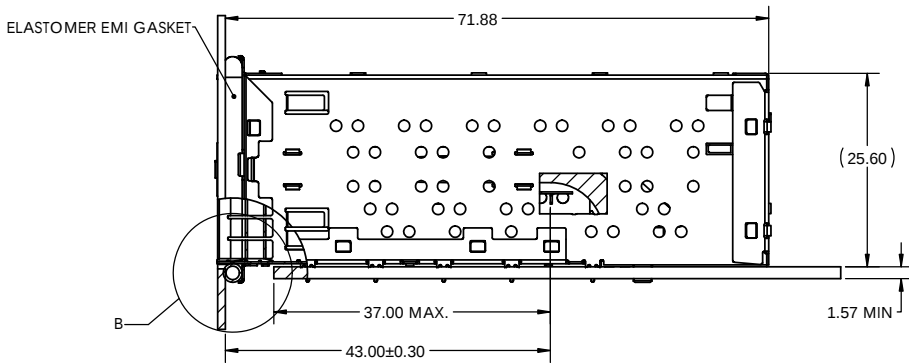
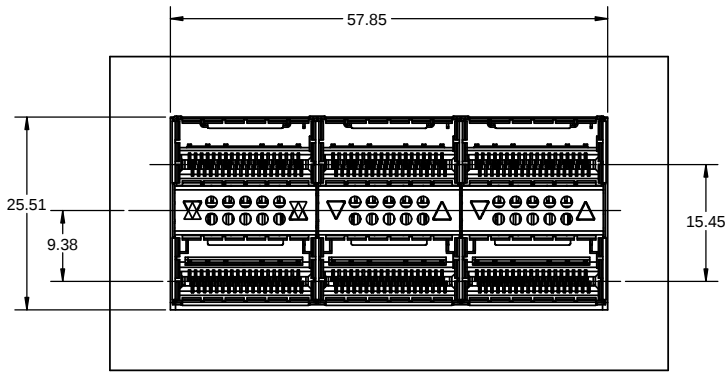
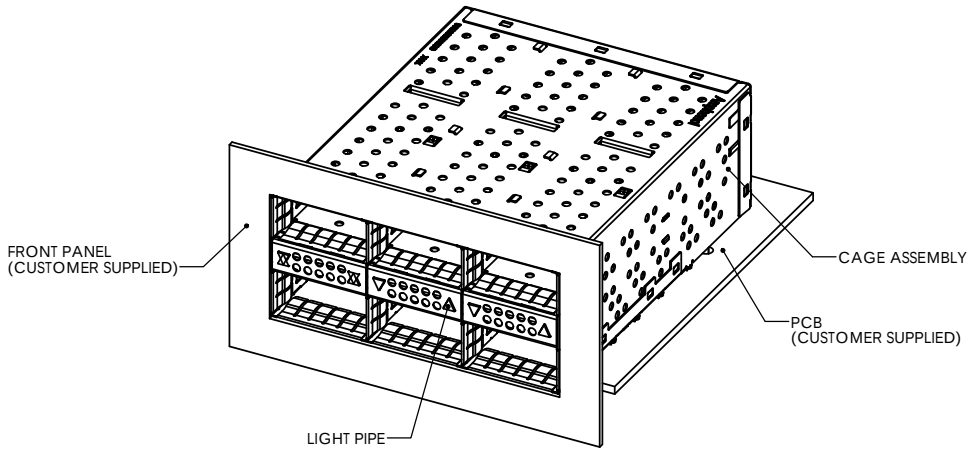
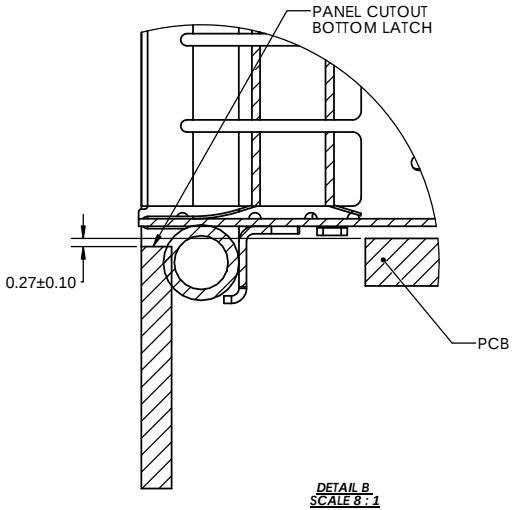


DETAIL A
SCALE 6:1

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SECONDARY	MILLIMETERS	M.E. APPD			QSFP+ 2X3 STACKED COMBO 4X25	
REFERENCE IN PARENTHESES		Q.A. APPD				
GENERAL TOLERANCES		DWG APPR	Z. Ljubijankic	FEB 15, 12	P-U95-B305-XXX1-XX0	
1. DECIMAL PLACE	0.X ± 0.25	ENG. REL. NO.				
2. DECIMAL PLACES	0.XX ± 0.15	REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 4:1 SHEET 3 OF 4	
3. ANGULAR DEGREES	X° ± 1°	THIRD ANGLE PROJECTION				
4. ANGULAR DEGREES	X.X° ± 0.5°				REV C	

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
C	SEE PAGE ONE	MAY 17/12	ZLJ



UNLESS SPECIFIED OTHERWISE		DRAWN	K. Haider	FEB 15, 12	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
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REFERENCE IN PARENTHESES		Q.A. APP'D				
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2. DECIMAL PLACES 0.XX±0.15		REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 4:1 SHEET 4 OF 4	
3. ANGULAR DEGREES X°±1°		THIRD ANGLE PROJECTION				
4. ANGULAR DEGREES X.X°±0.5°		DO NOT SCALE DRAWING				
					REV C	