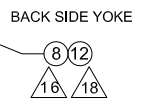
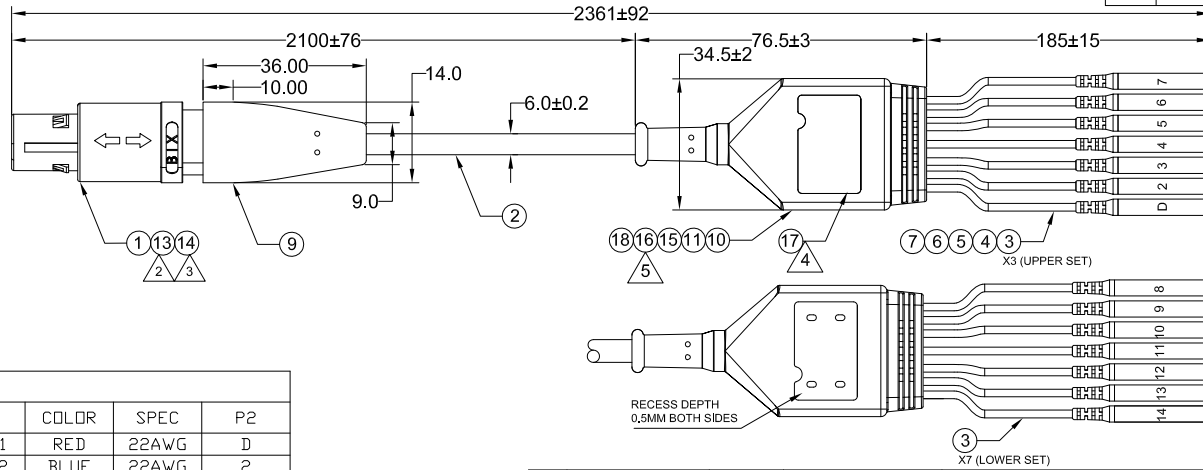
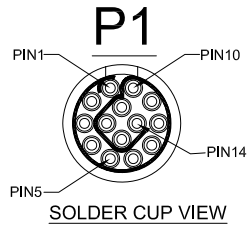


LABEL TABLE	
YOKE	LABEL INFO
SIDE 1	
SIDE 2	N/A

**ELECTRICAL PROPERTIES:**  
 1. 100% OPEN, SHORT & MIS-WIRE TEST  
 2. END TO END RESISTANCE <2Ω  
 3. INSULATION BETWEEN CONDUCTORS > 15MΩ  
 4. INSULATION SHALL WITHSTAND 1500 V (RMS)

**MECHANICAL PROPERTIES:**  
 1. JOINTS SHALL WITHSTAND A MINIMUM OF 30N PULL FORCE  
 · P1 CONNECTOR AND 14C CABLE  
 · 14C CABLE TO YOKE MOLD  
 · 1C CABLE TO YOKE X 14 LEADS  
 · 1C CABLE SINGLE CONTACT X 14 CONTACTS  
 2. RETENTION FORCE WHEN MATED TO CORRESPONDING DIN 42802 RECEPTACLE: 10 N (MIN)

REV.	INITIALS	REASON	DATE
A	LGH	INITIAL RELEASE	05/06/21
B	LGH	CHANGED PIN 11 CONDUCTOR COLOR FROM CLEAR TO PINK	07/30/21
C	LGH	ADD ITEM 18 OF BOM	10/14/21
D	LGH	UPDATED YOKE MOLD GUIDE PIN LOCATION AND CUSTOMERS REVISION	10/21/22



WIRE TABLE							
P1	COLOR	SPEC	CUST. DETAIL	PCB	COLOR	SPEC	P2
PIN 1	RED	28AWG	-	PAD 1	RED	22AWG	D
PIN 2	BLUE	28AWG	-	PAD 2	BLUE	22AWG	2
PIN 3	WHITE	28AWG	-	PAD 3	WHITE	22AWG	3
PIN 4	BLACK	28AWG	-	PAD 4	BLACK	22AWG	4
PIN 5	GRAY	28AWG	-	PAD 5	GRAY	22AWG	5
PIN 6	BROWN	28AWG	-	PAD 6	GRAY	22AWG	6
PIN 7	ORANGE	28AWG	-	PAD 7	GRAY	22AWG	7
PIN 8	YELLOW	28AWG	-	PAD 8	GRAY	22AWG	8
PIN 9	GREEN	28AWG	-	PAD 9	GRAY	22AWG	9
PIN 10	PURPLE	28AWG	-	PAD 10	GRAY	22AWG	10
PIN 11	PINK	28AWG	-	PAD 11	GRAY	22AWG	11
PIN 12	RED/WHITE	28AWG	-	PAD 12	GRAY	22AWG	12
PIN 13	BLACK/WHITE	28AWG	-	PAD 13	GRAY	22AWG	13
PIN 14	BLUE/WHITE	28AWG	-	PAD 14	GRAY	22AWG	14

- NOTES:**  
 1. SOLDER WITH LEAD FREE SOLDER  
 APPLY POTTING (ITEM #14) TO TERMINATION AREA OF P1 CONNECTOR  
 APPLY THREAD LOCKER (ITEM #13) TO THREADS OF BACKNUT ON P1 CONNECTOR  
 LABEL YOKE MOLD ACCORDING TO LABEL TABLE ABOVE  
 UV GLUE APPLIED OVER EXPOSED CONDUCTORS ON PCB TO PREVENT UNINTENTIONAL SHORTING.  
 6. ASSEMBLE CABLE TO IPC-A610 AND IPC-WHMA-A-620 CLASS II STANDARD  
 7. REFER TO INDIVIDUAL COMPONENT DRAWINGS FOR ADDITIONAL SPECIFICATIONS  
 8. CABLE, CONNECTORS AND MOLDS TO BE FREE FROM SCRATCHES, DENTS, DISCOLORATION, AND RESIDUE  
 9. ROHS AND REACH COMPLIANCE REQUIRED  
 10. ALL COMPONENTS MUST BE LATEX-FREE, DEHP FREE AND BPA FREE  
 C OF C TO BE INCLUDED WITH EACH SHIPMENT AND ATTACH CONNECTOR MANUFACTURER C OF C TO EACH SHIPMENT.  
 C OF C SHOULD INCLUDE:  
 BAYLIS P/N, LOT NUMBER, BAYLIS DRAWING REVISION, SUPPLIER PART NUMBER AND DRAWING REVISION, PO NUMBER, QA SIGNATURE, DATE OF MANUFACTURE.  
 12. ATTACH OQC WITH RESULTS OF LENGTH AND VISUAL INSPECTIONS TO EACH SHIPMENT  
 13. MOULDED PARTS FREE FROM DEFECTS (E.G. FLASH, VOIDS, BUBBLES, ETC.)  
 14. THE PARTS SHALL BE FREE FROM DIRT, GRIME, GREASE, OIL, AND OTHER CONTAMINANTS  
 15. ASSEMBLY SHALL BE COMPATIBLE WITH ETO STERILIZATION AND AUTOCLAVE STERILIZATION  
 PRINT ON BOTH SIDES  
 17. ASSEMBLY (INCLUDING TEXT) SHALL WITHSTAND AT LEAST 10 CYCLES OF STEAM AUTOCLAVE STERILIZATION (132 DEGREES CELSIUS FOR 4 MINUTES)  
 CONNECTORS SHALL MEET DIN 42802-2 SPECIFICATIONS

18	MASKING TAPE	AR		MASKING TAPE W: 10MM
17	LABEL	1PC		MATERIAL: 3M 7871/002* (LABEL: WHITE TEXT ON BLUE BACKGROUND)
16	GLUE	AR		LOCTITE UV 352
15	PCB	1 PC		14 CONTACT PCB (TERMINATION JUNCTION)
14	GLUE	1 PC		POTTING FOR CONNECTOR TERMINATION
13	GLUE	1 PC		THREAD LOCKER FOR BACK NUT
12	OUTER MOLDING	AR		MATERIAL: PP BLACK
11	INTERNAL MODEL	AR		MATERIAL: PP LUCENCY
10	OUTER MOLDING	AR		MATERIAL: TPV 70A GRAY (RTP 7091 B-70A)
9	OUTER MOLDING	AR		MATERIAL: TPV 70A GRAY (RTP 7091 B-70A)
8	COPPER NEEDLE	14PCS		2MM PIN CONTACT TERMINAL
7	CABLE	185MM		1C*22AWG TPV(RTP 7091 B-90MED) BLUE OD: 2.00±0.10MM
6	CABLE	185MM		1C*22AWG TPV(RTP 7091 B-90MED) RED OD: 2.00±0.10MM
5	CABLE	185MM		1C*22AWG TPV(RTP 7091 B-90MED) WHITE OD: 2.00±0.10MM
4	CABLE	185MM		1C*22AWG TPV(RTP 7091 B-90MED) BLACK OD: 2.00±0.10MM
3	CABLE	1850MM		1C*22AWG TPV(RTP 7091 B-90MED) GRAY OD: 2.00±0.10MM
2	CABLE	2100MM		28AWG*14C+PAPER TPV (RTP 7091 B-70A) GRAY OD: 6.00±0.20MM
1	CONNECTOR	1 PC		PLUG, SERIES M, SZ.1, 14P, BLACK PEI, SLD

ITEM	PART NAME	QTY	PART NO	DESCRIPTION
GENERAL TOLERANCE		ANGLE TOLERANCE		NAME (INTENDED USE)
X. ±1.00		X.° ±3.0°		MOLDING DRAWING
.X ±0.50		.X° ±1.0°		CUSTOMER P/N:
.XX ±0.20		.XX° ±0.5°		DEX-14-A REV V-5
.XXX ±0.15				
MAJOR(QC CHECKED)		SCALE 1:1		APPROVED: DATE
▼ = 8 places				LGZ 2022/10/21
CRITICAL: ∇=		UNIT mm		CHECKED: DATE
				LJJ 2022/10/21
SHEET 1 OF 2				DESIGN: DATE
				LGH 2022/10/21

**RoHS Compliant**



TITLE:  
 BIX 14PIN PLUG TO 2MM X14 LEAD WIRES WITH YOKE IN MIDDLE.

SERIES: SIZE A4  
 DRAWING NO: MED-MD-001-086 REV D