

VIEW OF WIRE END OF CONNECTOR

NOTES: UNLESS OTHERWISE SPECIFIED

- GENERAL TOLERANCES:
 - ±0.10 ALL TWO PLACE DIMENSIONS
 - ±0.3 ALL ONE PLACE DIMENSIONS
 - ±1.0° ALL ANGULAR DIMENSIONS
- 0.5° MAXIMUM DRAFT ANGLE
- 0.3 MAXIMUM RADIUS PERMISSIBLE ON ALL EDGES AND FILLETS SHOWN AS SHARP
- ALL RADI: 0.8
- WALL THICKNESS 1.3-1.0

DATE LET	REVISIONS	DR	CK	APP
11-18-77	RELEASED COMPLETE			
	AKI-6000 # 86			

NO. ES-EIAB-14A485-AA

SPIND PRODUCT ENGINEERING

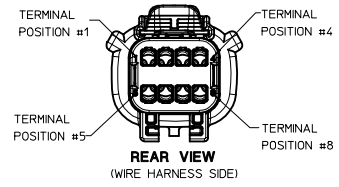
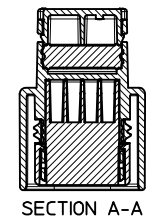
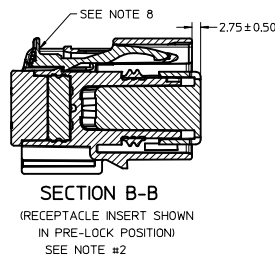
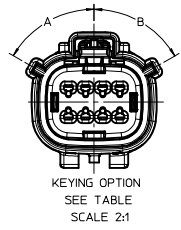
MILLIMETRES ON ORIGINAL FORMAT - 1:1
10 20 30 40 50 60 70 80 90 100 110 120 130 140
DO NOT SCALE ABOVE SCALE FOR REFERENCE ONLY
REF
DRAWN BY: <i>Janice</i>
CHECKED: <i>CE</i>
SCALE: <i>1/2"</i>
APPROVED CODE: <i>MA</i>

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MILLIMETRES
 MACHINED DIM. 1
 ANGULAR DIM. 1

NAME: SPECIFICATION - RETAINER - WIRE CONNECTOR SLEEVE
 DATE: 11-18-77
 MATERIAL: 55-
 NO. ES-EIAB-14A485-AA

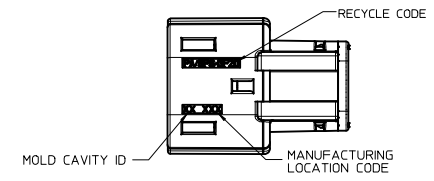
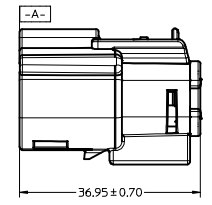
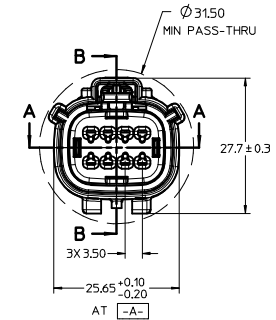
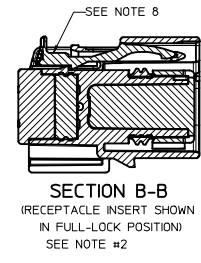
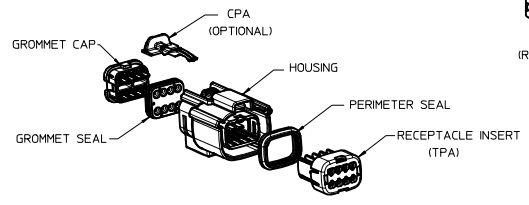


ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)								CPA			
			A	B	1	2	3	4	5	6	7	8				
33472-0901	BLACK	A	60	60												NO
33472-0902	LT. GRAY	B	60	25												NO
33472-0903	BROWN	C	25	60												NO
33472-0904	GREEN	D	25	25												NO
33472-0905	BLACK	D	25	25												NO
33472-0906	BLACK	A	60	60												YES
33472-0907	LT. GRAY	B	60	25												YES
33472-0908	BROWN	C	25	60												YES
33472-0909	GREEN	D	25	25												YES
33472-0910	BLACK	A	60	60					X							NO
33472-0920	BLACK	A	60	60					X					X		NO



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
- SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
- SHALL CONFORM TO (BULK) PACKAGING SPECIFICATION PK-31300-635. SHALL CONFORM TO (CELL PACK) PACKAGING SPECIFICATION PK-31300-903.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
- FOR RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33012-002.
- DESIGNED TO MATE WITH THE BLADE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33482-081 OR DEVICE CONNECTION AS SPECIFIED IN DRAWING 150-S-008-2-Z02.
- ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
- OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER. CPA IS SHIPPED IN PRE-LOCK POSITION. AS SHOWN IN SECTION B-B. WHEN SEATED CORRECTLY, CPA DOES NOT MOVE FREELY. ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION, WHEN UNMATED: 40N MIN. DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN.
- PACKAGING: IN THE EVENT THAT INSERT IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT WWW.MOLEX.COM.
- ASSEMBLY CONFORMS TO SAE/USCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS: TPA REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 130 NEWTONS. TERMINAL INSERTION FORCE FOR WIRE SIZE ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.



REDRAWN IEC NO. UAU2009-0589 DRAWN BY: DRWNSV/ERZYL 2008/12/10 CHECKED BY: CHYKDBR/FFTHS 2008/12/11 APPR: VIKOSHY 2008/12/11 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.3 ± --- 1 PLACE ± 0.3 ± ---	MM ONLY DRAWN BY DATE: D. GRIFFITHS 10-10-07 CHECKED BY DATE: D. GRIFFITHS 10-10-07 APPROVED BY DATE: SMARCEAU 10-10-07	2:1	METRIC	MOLD CAVITY ID MANUFACTURING LOCATION CODE
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO. DOCUMENT NO.	MOLEX INCORPORATED	MX150 RECEPT CONNECTOR 2 ROW 8 WAY HOUSING SEALED, CLIPSLOT	SHEET NO. 1 OF 1
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-33472-091	MOLEX INCORPORATED	MOLEX INCORPORATED	MOLEX INCORPORATED	MOLEX INCORPORATED