

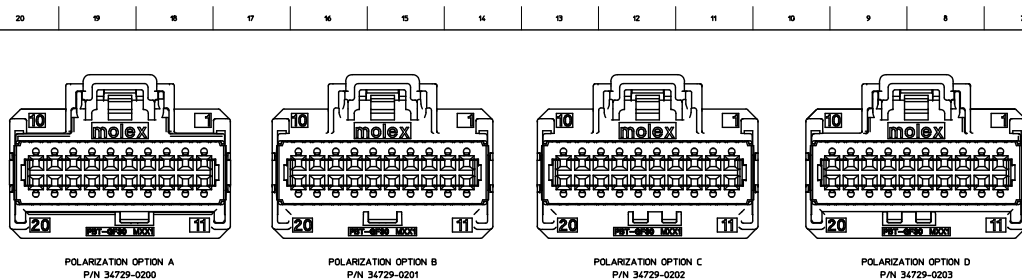
Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)
[0347290081](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

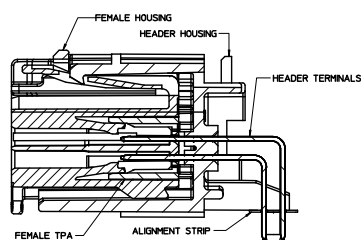
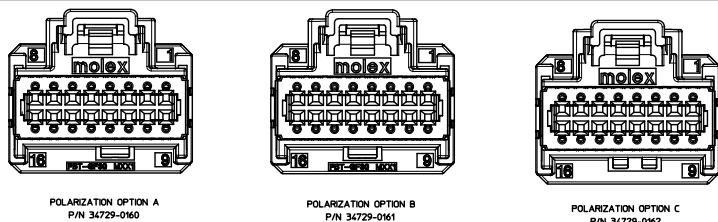
- APPLICATION SPECIFICATION SEE: AS-34729-020
- PRODUCT SPECIFICATION SEE: PS-34729-020
- PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-201
- PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION ES-40000-3015
- DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY D113255)

2. DESIGN - MATERIALS:

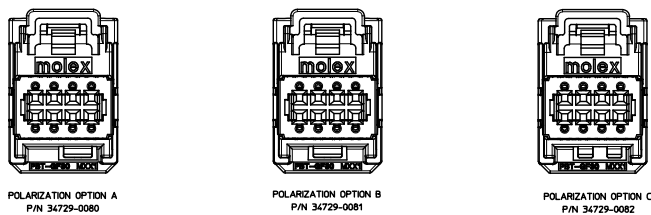
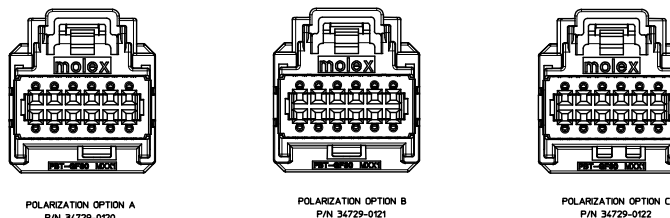
- CONNECTOR HOUSING - PBT-GF30
- TPA - PBT-GF30

3. DESIGN - GEOMETRY:

- THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- EDGES AND UNDIMENSIONED DETAILS PER ISO1975
- CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS C)

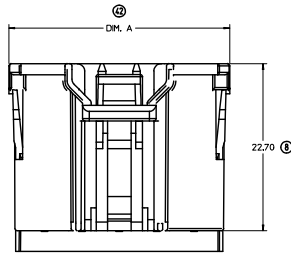


ASSEMBLY SECTION

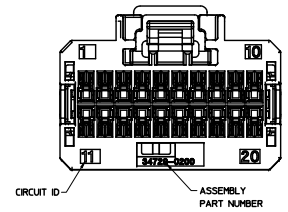
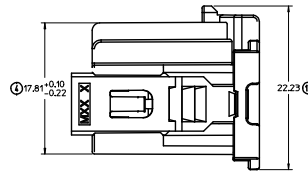
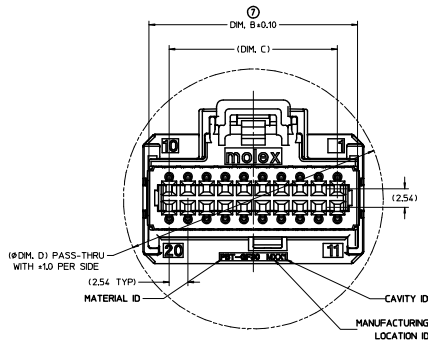
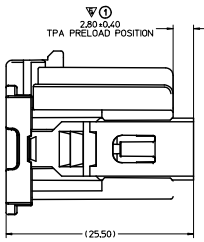


INITIAL RELEASE EC NO. UAD205-1854 DRAWN: JF SCHER01 2015/04/09 CHKD: [blank] APPROVED: [blank] 2015/06/12 REV: [blank]		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± 0.13</td><td>± 0.005</td></tr><tr><td>3 PLACES</td><td>± 0.25</td><td>± 0.010</td></tr><tr><td>2 PLACES</td><td>± 0.38</td><td>± 0.015</td></tr><tr><td>1 PLACE</td><td>± 0.51</td><td>± 0.020</td></tr><tr><td>ANGULAR</td><td>± 3 °</td><td></td></tr></table>		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.38	± 0.015	1 PLACE	± 0.51	± 0.020	ANGULAR	± 3 °		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	TITLE 8 - 20 CKT STAC64 (UNSEALED) RECEPTACLE ASSEMBLY
	mm	INCH																								
4 PLACES	± 0.13	± 0.005																								
3 PLACES	± 0.25	± 0.010																								
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART	SD-34729-020	SHEET NO. 1 OF 2																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										

APPLICABLE COMPONENTS			APPLICABLE WIRE SIZE	
DESCRIPTION	TYPE	SUPPLIER COMPONENTS PART NO.	WIRE GAGE	MAXIMUM INSULATION DIAMETER
MOLEX CTX64 TERMINAL	Sn	34803-3212	20 AWG	1.90mm
	Sn	34803-3211	22 AWG	1.65mm



DESCRIPTION	MOLEX ASSEMBLY PART NO.'S	COLOR	DM. A (mm)	DM. B (mm)	DM. C (mm)	DM. D (mm)	MATING COMPONENT		
							VERTICAL HEADER	RIGHT ANGLE MYLAR HEADER	RIGHT ANGLE PAP HEADER
20 CKT STAC64 RCPT ASSEMBLY - POL. A	34729-0200	BLACK	30.00	28.35	22.86	34.35	34690-0200	34691-0200	34691-6200
20 CKT STAC64 RCPT ASSEMBLY - POL. B	34729-0201	GRAY					34690-0201	34691-0201	34691-6201
20 CKT STAC64 RCPT ASSEMBLY - POL. C	34729-0202	BROWN					34690-0202	34691-0202	34691-6202
20 CKT STAC64 RCPT ASSEMBLY - POL. D	34729-0203	GREEN					34690-0203	34691-0203	34691-6203
16 CKT STAC64 RCPT ASSEMBLY - POL. A	34729-0160	BLACK	24.92	23.27	17.78	29.85	34690-0160	34691-0160	34691-6160
16 CKT STAC64 RCPT ASSEMBLY - POL. B	34729-0161	GRAY					34690-0161	34691-0161	34691-6161
16 CKT STAC64 RCPT ASSEMBLY - POL. C	34729-0162	BROWN					34690-0162	34691-0162	34691-6162
12 CKT STAC64 RCPT ASSEMBLY - POL. A	34729-0120	BLACK					34690-0120	34691-0120	34691-6120
12 CKT STAC64 RCPT ASSEMBLY - POL. B	34729-0121	GRAY	19.84	18.19	12.70	27.25	34690-0121	34691-0121	34691-6121
12 CKT STAC64 RCPT ASSEMBLY - POL. C	34729-0122	BROWN					34690-0122	34691-0122	34691-6122
8 CKT STAC64 RCPT ASSEMBLY - POL. A	34729-0080	BLACK	14.76	13.11	7.62	25.45	34690-0080	34691-0080	34691-6080
8 CKT STAC64 RCPT ASSEMBLY - POL. B	34729-0081	GRAY					34690-0081	34691-0081	34691-6081
8 CKT STAC64 RCPT ASSEMBLY - POL. C	34729-0082	BROWN					34690-0082	34691-0082	34691-6082



INITIAL RELEASE EC NO. UAD205-8554 DRAWN BY: SCHEBET 2015/06/09 CHKD: APPROVED BY: 2015/06/12 APPR: _____ REV: _____	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWING STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		4 PLACES ± ---		± ---	DRAWN BY				DATE
		3 PLACES ± ---		± ---	CHECKED BY				DATE
		2 PLACES ± 0.13		± ---	EDITION				
		1 PLACE ± 0.25		± ---	APPROVED BY				DATE
		ANGULAR ± 3 °		± ---	MATERIAL NO.				DATE
					DOCUMENT NO.				
					SHEET NO.				
					2 OF 2				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-34729-020		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			