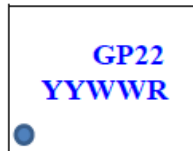


SciSense Change Notification (CN)																																																																																																											
Originator:	Norbert Breyer, Marketing	CN No:	CN-2020-004																																																																																																								
Product(s) affected:	TDC-GP22																																																																																																										
Change date:	End Q2' 2021, samples available end Q1' 21																																																																																																										
TYPE OF CHANGE																																																																																																											
<input checked="" type="checkbox"/> Material <input type="checkbox"/> Product <input type="checkbox"/> Process <input type="checkbox"/> Equipment <input type="checkbox"/> Specification <input type="checkbox"/> Other																																																																																																											
DESCRIPTION AND JUSTIFICATION OF CHANGE NOTE (CN)																																																																																																											
- A new assembly line is selected to use standard lead frame material and therefore improve the standard lead time and reduce the risk of supply issues.																																																																																																											
Material to be changed	Before Change		After Change																																																																																																								
phy. Dimension A (over all height)	Min	Nom	Max	Min	Nom	Max																																																																																																					
	0,80	0,85	0,90	0,80	0,85	0,90																																																																																																					
BOM																																																																																																											
Lead Frame Type:	Copper(Ag Ring)		Copper(Ag Ring)																																																																																																								
Lead Frame Core Material:	EFTEC64		EFTEC64T																																																																																																								
Epoxy	8600		8200TI																																																																																																								
Bond Wire	1,0 mil Au		1,0 mil Au																																																																																																								
Mold Compound	G770HCD		G770HCD																																																																																																								
Lead Finish	Matte Tin		Matte Tin																																																																																																								
SUPPORTING DATA																																																																																																											
Package dimensions: Center pad side length E2 = 3.50mm (former 3.70mm)																																																																																																											
<table border="1"> <thead> <tr> <th rowspan="2">SYMBOL</th> <th colspan="6">Package Dimension</th> </tr> <tr> <th colspan="3">Millimeter</th> <th colspan="3">Inches</th> </tr> <tr> <th></th> <th>MIN.</th> <th>NOM.</th> <th>MAX.</th> <th>MIN.</th> <th>NOM.</th> <th>MAX.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>0.80</td> <td>0.85</td> <td>0.90</td> <td>0.031</td> <td>0.033</td> <td>0.035</td> </tr> <tr> <td>A1</td> <td>-</td> <td>-</td> <td>0.05</td> <td>-</td> <td>-</td> <td>0.002</td> </tr> <tr> <td>A3</td> <td colspan="3">0.20 REF</td> <td colspan="3">0.008 REF</td> </tr> <tr> <td>b</td> <td>0.20</td> <td>0.25</td> <td>0.30</td> <td>0.008</td> <td>0.010</td> <td>0.012</td> </tr> <tr> <td>D</td> <td>4.90</td> <td>5.00</td> <td>5.10</td> <td>0.193</td> <td>0.197</td> <td>0.201</td> </tr> <tr> <td>D2</td> <td>3.40</td> <td>3.50</td> <td>3.60</td> <td>0.134</td> <td>0.138</td> <td>0.142</td> </tr> <tr> <td>E</td> <td>4.90</td> <td>5.00</td> <td>5.10</td> <td>0.193</td> <td>0.197</td> <td>0.201</td> </tr> <tr> <td>E2</td> <td>3.40</td> <td>3.50</td> <td>3.60</td> <td>0.134</td> <td>0.138</td> <td>0.142</td> </tr> <tr> <td>e</td> <td colspan="3">0.50 BSC</td> <td colspan="3">0.020 BSC</td> </tr> <tr> <td>e1</td> <td colspan="3">3.50 BSC</td> <td colspan="3">0.138 BSC</td> </tr> <tr> <td>K</td> <td>0.20</td> <td>-</td> <td>-</td> <td>0.008</td> <td>-</td> <td>-</td> </tr> <tr> <td>L</td> <td>0.30</td> <td>0.40</td> <td>0.50</td> <td>0.012</td> <td>0.016</td> <td>0.020</td> </tr> </tbody> </table>				SYMBOL	Package Dimension						Millimeter			Inches				MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	A	0.80	0.85	0.90	0.031	0.033	0.035	A1	-	-	0.05	-	-	0.002	A3	0.20 REF			0.008 REF			b	0.20	0.25	0.30	0.008	0.010	0.012	D	4.90	5.00	5.10	0.193	0.197	0.201	D2	3.40	3.50	3.60	0.134	0.138	0.142	E	4.90	5.00	5.10	0.193	0.197	0.201	E2	3.40	3.50	3.60	0.134	0.138	0.142	e	0.50 BSC			0.020 BSC			e1	3.50 BSC			0.138 BSC			K	0.20	-	-	0.008	-	-	L	0.30	0.40	0.50	0.012	0.016	0.020
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The marking will now come without ams Logo.

Top View:



Line 1: Fixed text            GP22

Line 2: Date code = YYWWR with YY= year code, WW= work week code, R Fixed Letter

#### CUSTOMER INFO & ACKNOWLEDGEMENT

Please acknowledge receipt of this CN by replying to [customersupport@sciosense.com](mailto:customersupport@sciosense.com)  
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Please forward any queries regarding this CN to [customersupport@sciosense.com](mailto:customersupport@sciosense.com) keeping your account manager in copy.