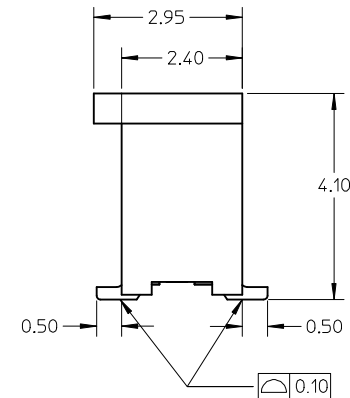
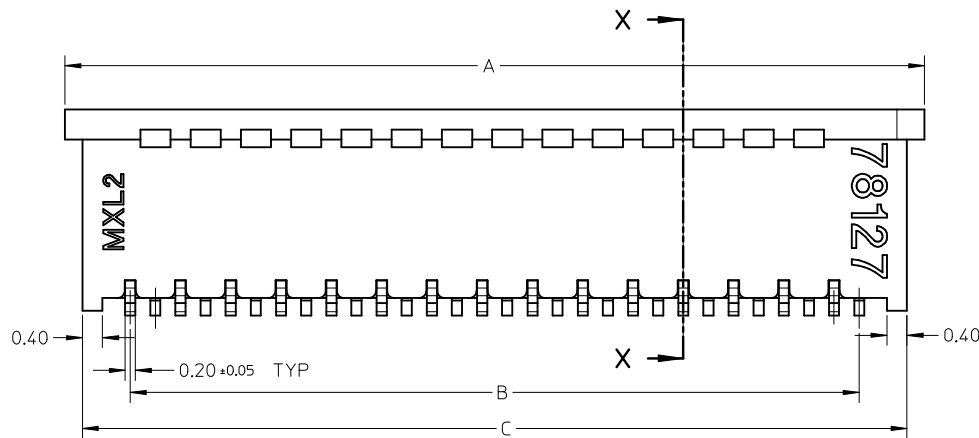
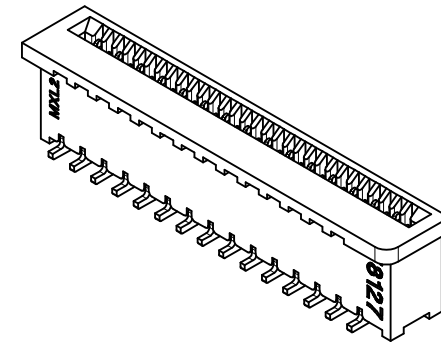
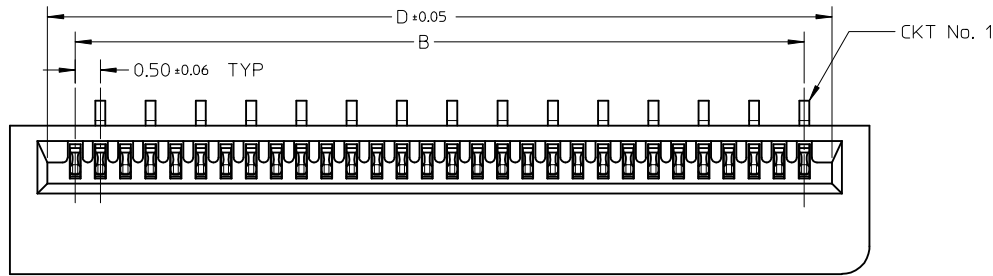


NOTE:

1. MATERIAL:

HOUSING: PA46 GLASS FILLED, UL94V-0, COLOR: NATURAL
TERMINAL: COPPER ALLOY

2. PLATING:

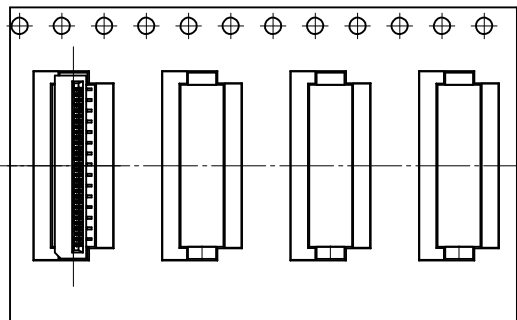
- 1) 0.10 μ m MIN. GOLD PLATING OVER NICKEL PLATING OVERALL
- 2) 1-3 μ m TIN-BISMUTH PLATING OVER NICKEL PLATING OVERALL

3. PRODUCT SPECIFICATION: PS-78119-001

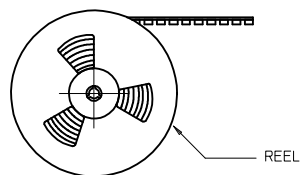
4. PRODUCT ARE PACKED IN TAPE & REEL.

REVISED	EC NO: J2013-0629		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
								MM ONLY		NTS	METRIC				
					mm	INCH	DRAWN BY	DATE	TITLE 0.50MM PITCH, FPC CONN. NON-ZIF, SMT						
					4 PLACES	± ---	± ---	YLOIAO							2006/05/05
					3 PLACES	± ---	± ---	CHECKED BY	DATE	0.50MM PITCH, FPC CONN. NON-ZIF, SMT					
					2 PLACES	± 0.15	± ---	BOKOK	2006/06/06						
					1 PLACE	± ---	± ---	APPROVED BY	DATE	molex					
					0 PLACE	±	±	PTLIM	2006/06/06						
					ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-78127-001				1 OF 7	
B			REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

EMBOSSED TYPE A

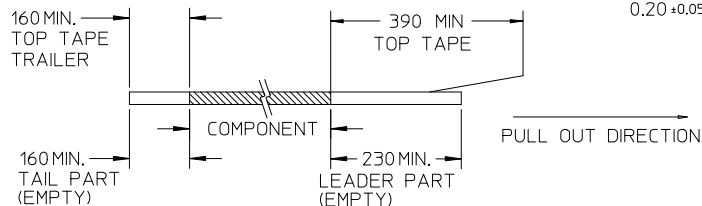


CUSTOMER
PULL OUT DIRECTION

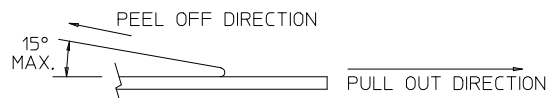


NOTES:

1. LEADER AND TRAILER TAPE

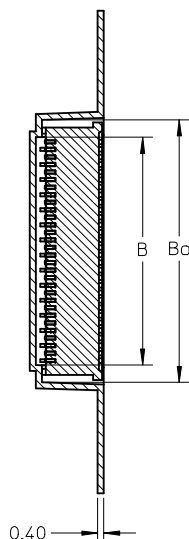


2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

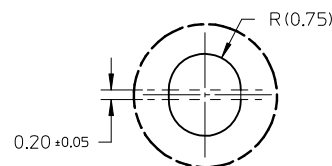


3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE & REEL QUANTITY = 1000 PCS/REEL

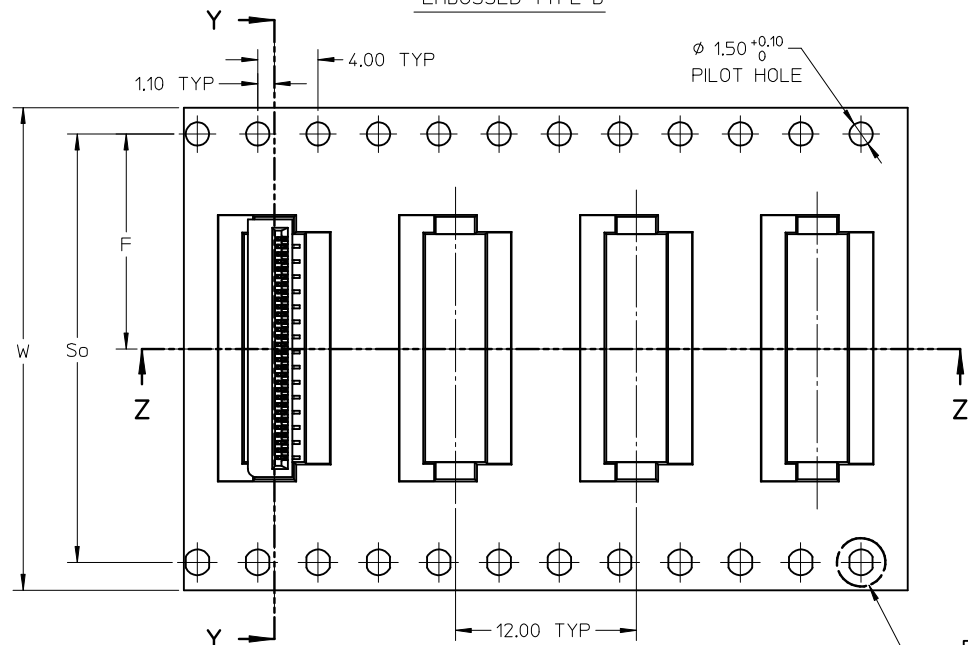


SECTION Y-Y

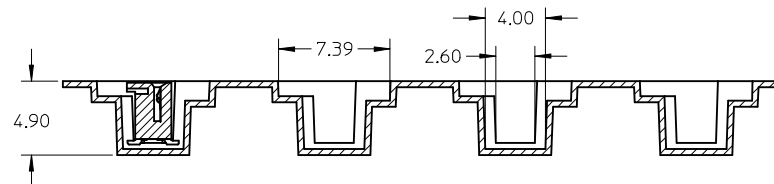


DETAIL 1

EMBOSSED TYPE B



DETAIL 1



SECTION Z-Z

REVISED EC NO: J2013-0629 DRWN: TMORI/SHITA 2012/11/30 CHKD: KATAHASHI 2012/11/30 APPR: KMORI/KAWA 2012/12/11	DESCRIPTION REV	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm		INCH		DRAWN BY YLOIAO		DATE 2006/05/05		TITLE 0.50MM PITCH, FPC CONN. NON-ZIF, SMT
			4 PLACES ± --- ± ---		CHECKED BY BOKOK		DATE 2006/06/06				
			3 PLACES ± --- ± ---		APPROVED BY PTLIM		DATE 2006/06/06				
			2 PLACES ± 0.15 ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 5 OF 7		
			1 PLACE ± --- ± ---		SEE TABLE		SD-78127-001				
			0 PLACE ± ±		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																														
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E	TIN-BISMUTH PLATING TERMINAL ASSEMBLY PART NUMBERS										E																																																																																																																																																																																																																																																																													
D	<table><tr><th>ASSY P/N PACKED IN T&R</th><th>ASSY P/N W/O PACKAGING</th><th>CKT</th><th>W</th><th>So</th><th>F</th><th>Bo</th><th>B</th><th>EMBOSSED TYPE</th></tr><tr><td>78127-1109</td><td>78127-0109</td><td>10</td><td>24.00</td><td>-</td><td>11.50</td><td>7.40</td><td>5.10</td><td rowspan="10">A</td></tr><tr><td>78127-1119</td><td>78127-0119</td><td>11</td><td>24.00</td><td>-</td><td>11.50</td><td>7.90</td><td>5.60</td></tr><tr><td>78127-1129</td><td>78127-0129</td><td>12</td><td>24.00</td><td>-</td><td>11.50</td><td>8.40</td><td>6.10</td></tr><tr><td>78127-1139</td><td>78127-0139</td><td>13</td><td>24.00</td><td>-</td><td>11.50</td><td>8.90</td><td>6.60</td></tr><tr><td>78127-1149</td><td>78127-0149</td><td>14</td><td>24.00</td><td>-</td><td>11.50</td><td>9.40</td><td>7.10</td></tr><tr><td>78127-1159</td><td>78127-0159</td><td>15</td><td>24.00</td><td>-</td><td>11.50</td><td>9.90</td><td>7.60</td></tr><tr><td>78127-1169</td><td>78127-0169</td><td>16</td><td>24.00</td><td>-</td><td>11.50</td><td>10.40</td><td>8.10</td></tr><tr><td>78127-1179</td><td>78127-0179</td><td>17</td><td>24.00</td><td>-</td><td>11.50</td><td>10.90</td><td>8.60</td></tr><tr><td>78127-1189</td><td>78127-0189</td><td>18</td><td>24.00</td><td>-</td><td>11.50</td><td>11.40</td><td>9.10</td></tr><tr><td>78127-1199</td><td>78127-0199</td><td>19</td><td>24.00</td><td>-</td><td>11.50</td><td>11.90</td><td>9.60</td></tr><tr><td>78127-1209</td><td>78127-0209</td><td>20</td><td>24.00</td><td>-</td><td>11.50</td><td>12.40</td><td>10.10</td><td rowspan="10">B</td></tr><tr><td>78127-1219</td><td>78127-0219</td><td>21</td><td>32.00</td><td>28.40</td><td>14.20</td><td>12.90</td><td>10.60</td></tr><tr><td>78127-1229</td><td>78127-0229</td><td>22</td><td>32.00</td><td>28.40</td><td>14.20</td><td>13.40</td><td>11.10</td></tr><tr><td>78127-1239</td><td>78127-0239</td><td>23</td><td>32.00</td><td>28.40</td><td>14.20</td><td>13.90</td><td>11.60</td></tr><tr><td>78127-1249</td><td>78127-0249</td><td>24</td><td>32.00</td><td>28.40</td><td>14.20</td><td>14.40</td><td>12.10</td></tr><tr><td>78127-1259</td><td>78127-0259</td><td>25</td><td>32.00</td><td>28.40</td><td>14.20</td><td>14.90</td><td>12.60</td></tr><tr><td>78127-1269</td><td>78127-0269</td><td>26</td><td>32.00</td><td>28.40</td><td>14.20</td><td>15.40</td><td>13.10</td></tr><tr><td>78127-1279</td><td>78127-0279</td><td>27</td><td>32.00</td><td>28.40</td><td>14.20</td><td>15.90</td><td>13.60</td></tr><tr><td>78127-1289</td><td>78127-0289</td><td>28</td><td>32.00</td><td>28.40</td><td>14.20</td><td>16.40</td><td>14.10</td></tr><tr><td>78127-1299</td><td>78127-0299</td><td>29</td><td>32.00</td><td>28.40</td><td>14.20</td><td>16.90</td><td>14.60</td></tr><tr><td>78127-1309</td><td>78127-0309</td><td>30</td><td>32.00</td><td>28.40</td><td>14.20</td><td>17.40</td><td>15.10</td></tr></table>								ASSY P/N PACKED IN T&R	ASSY P/N W/O PACKAGING	CKT	W	So	F	Bo	B	EMBOSSED TYPE	78127-1109	78127-0109	10	24.00	-	11.50	7.40	5.10	A	78127-1119	78127-0119	11	24.00	-	11.50	7.90	5.60	78127-1129	78127-0129	12	24.00	-	11.50	8.40	6.10	78127-1139	78127-0139	13	24.00	-	11.50	8.90	6.60	78127-1149	78127-0149	14	24.00	-	11.50	9.40	7.10	78127-1159	78127-0159	15	24.00	-	11.50	9.90	7.60	78127-1169	78127-0169	16	24.00	-	11.50	10.40	8.10	78127-1179	78127-0179	17	24.00	-	11.50	10.90	8.60	78127-1189	78127-0189	18	24.00	-	11.50	11.40	9.10	78127-1199	78127-0199	19	24.00	-	11.50	11.90	9.60	78127-1209	78127-0209	20	24.00	-	11.50	12.40	10.10	B	78127-1219	78127-0219	21	32.00	28.40	14.20	12.90	10.60	78127-1229	78127-0229	22	32.00	28.40	14.20	13.40	11.10	78127-1239	78127-0239	23	32.00	28.40	14.20	13.90	11.60	78127-1249	78127-0249	24	32.00	28.40	14.20	14.40	12.10	78127-1259	78127-0259	25	32.00	28.40	14.20	14.90	12.60	78127-1269	78127-0269	26	32.00	28.40	14.20	15.40	13.10	78127-1279	78127-0279	27	32.00	28.40	14.20	15.90	13.60	78127-1289	78127-0289	28	32.00	28.40	14.20	16.40	14.10	78127-1299	78127-0299	29	32.00	28.40	14.20	16.90	14.60	78127-1309	78127-0309	30	32.00	28.40	14.20	17.40	15.10	<table><tr><th>ASSY P/N PACKED IN T&R</th><th>ASSY P/N W/O PACKAGING</th><th>CKT</th><th>W</th><th>So</th><th>F</th><th>Bo</th><th>B</th><th>EMBOSSED TYPE</th></tr><tr><td>78127-1319</td><td>78127-0319</td><td>31</td><td>32.00</td><td>28.40</td><td>14.20</td><td>17.90</td><td>15.60</td><td rowspan="13">B</td></tr><tr><td>78127-1329</td><td>78127-0329</td><td>32</td><td>32.00</td><td>28.40</td><td>14.20</td><td>18.40</td><td>16.10</td></tr><tr><td>78127-1339</td><td>78127-0339</td><td>33</td><td>32.00</td><td>28.40</td><td>14.20</td><td>18.90</td><td>16.60</td></tr><tr><td>78127-1349</td><td>78127-0349</td><td>34</td><td>32.00</td><td>28.40</td><td>14.20</td><td>19.40</td><td>17.10</td></tr><tr><td>78127-1359</td><td>78127-0359</td><td>35</td><td>32.00</td><td>28.40</td><td>14.20</td><td>19.90</td><td>17.60</td></tr><tr><td>78127-1369</td><td>78127-0369</td><td>36</td><td>32.00</td><td>28.40</td><td>14.20</td><td>20.40</td><td>18.10</td></tr><tr><td>78127-1379</td><td>78127-0379</td><td>37</td><td>32.00</td><td>28.40</td><td>14.20</td><td>20.90</td><td>18.60</td></tr><tr><td>78127-1389</td><td>78127-0389</td><td>38</td><td>32.00</td><td>28.40</td><td>14.20</td><td>21.40</td><td>19.10</td></tr><tr><td>78127-1399</td><td>78127-0399</td><td>39</td><td>44.00</td><td>40.40</td><td>20.20</td><td>21.90</td><td>19.60</td></tr><tr><td>78127-1409</td><td>78127-0409</td><td>40</td><td>44.00</td><td>40.40</td><td>20.20</td><td>22.40</td><td>20.10</td></tr></table>		ASSY P/N PACKED IN T&R	ASSY P/N W/O PACKAGING	CKT	W	So	F	Bo	B	EMBOSSED TYPE	78127-1319	78127-0319	31	32.00	28.40	14.20	17.90	15.60	B	78127-1329	78127-0329	32	32.00	28.40	14.20	18.40	16.10	78127-1339	78127-0339	33	32.00	28.40	14.20	18.90	16.60	78127-1349	78127-0349	34	32.00	28.40	14.20	19.40	17.10	78127-1359	78127-0359	35	32.00	28.40	14.20	19.90	17.60	78127-1369	78127-0369	36	32.00	28.40	14.20	20.40	18.10	78127-1379	78127-0379	37	32.00	28.40	14.20	20.90	18.60	78127-1389	78127-0389	38	32.00	28.40	14.20	21.40	19.10	78127-1399	78127-0399	39	44.00	40.40	20.20	21.90	19.60	78127-1409	78127-0409	40	44.00	40.40	20.20	22.40	20.10	D
ASSY P/N PACKED IN T&R	ASSY P/N W/O PACKAGING	CKT	W	So	F	Bo	B	EMBOSSED TYPE																																																																																																																																																																																																																																																																																
78127-1109	78127-0109	10	24.00	-	11.50	7.40	5.10	A																																																																																																																																																																																																																																																																																
78127-1119	78127-0119	11	24.00	-	11.50	7.90	5.60																																																																																																																																																																																																																																																																																	
78127-1129	78127-0129	12	24.00	-	11.50	8.40	6.10																																																																																																																																																																																																																																																																																	
78127-1139	78127-0139	13	24.00	-	11.50	8.90	6.60																																																																																																																																																																																																																																																																																	
78127-1149	78127-0149	14	24.00	-	11.50	9.40	7.10																																																																																																																																																																																																																																																																																	
78127-1159	78127-0159	15	24.00	-	11.50	9.90	7.60																																																																																																																																																																																																																																																																																	
78127-1169	78127-0169	16	24.00	-	11.50	10.40	8.10																																																																																																																																																																																																																																																																																	
78127-1179	78127-0179	17	24.00	-	11.50	10.90	8.60																																																																																																																																																																																																																																																																																	
78127-1189	78127-0189	18	24.00	-	11.50	11.40	9.10																																																																																																																																																																																																																																																																																	
78127-1199	78127-0199	19	24.00	-	11.50	11.90	9.60																																																																																																																																																																																																																																																																																	
78127-1209	78127-0209	20	24.00	-	11.50	12.40	10.10	B																																																																																																																																																																																																																																																																																
78127-1219	78127-0219	21	32.00	28.40	14.20	12.90	10.60																																																																																																																																																																																																																																																																																	
78127-1229	78127-0229	22	32.00	28.40	14.20	13.40	11.10																																																																																																																																																																																																																																																																																	
78127-1239	78127-0239	23	32.00	28.40	14.20	13.90	11.60																																																																																																																																																																																																																																																																																	
78127-1249	78127-0249	24	32.00	28.40	14.20	14.40	12.10																																																																																																																																																																																																																																																																																	
78127-1259	78127-0259	25	32.00	28.40	14.20	14.90	12.60																																																																																																																																																																																																																																																																																	
78127-1269	78127-0269	26	32.00	28.40	14.20	15.40	13.10																																																																																																																																																																																																																																																																																	
78127-1279	78127-0279	27	32.00	28.40	14.20	15.90	13.60																																																																																																																																																																																																																																																																																	
78127-1289	78127-0289	28	32.00	28.40	14.20	16.40	14.10																																																																																																																																																																																																																																																																																	
78127-1299	78127-0299	29	32.00	28.40	14.20	16.90	14.60																																																																																																																																																																																																																																																																																	
78127-1309	78127-0309	30	32.00	28.40	14.20	17.40	15.10																																																																																																																																																																																																																																																																																	
ASSY P/N PACKED IN T&R	ASSY P/N W/O PACKAGING	CKT	W	So	F	Bo	B	EMBOSSED TYPE																																																																																																																																																																																																																																																																																
78127-1319	78127-0319	31	32.00	28.40	14.20	17.90	15.60	B																																																																																																																																																																																																																																																																																
78127-1329	78127-0329	32	32.00	28.40	14.20	18.40	16.10																																																																																																																																																																																																																																																																																	
78127-1339	78127-0339	33	32.00	28.40	14.20	18.90	16.60																																																																																																																																																																																																																																																																																	
78127-1349	78127-0349	34	32.00	28.40	14.20	19.40	17.10																																																																																																																																																																																																																																																																																	
78127-1359	78127-0359	35	32.00	28.40	14.20	19.90	17.60																																																																																																																																																																																																																																																																																	
78127-1369	78127-0369	36	32.00	28.40	14.20	20.40	18.10																																																																																																																																																																																																																																																																																	
78127-1379	78127-0379	37	32.00	28.40	14.20	20.90	18.60																																																																																																																																																																																																																																																																																	
78127-1389	78127-0389	38	32.00	28.40	14.20	21.40	19.10																																																																																																																																																																																																																																																																																	
78127-1399	78127-0399	39	44.00	40.40	20.20	21.90	19.60																																																																																																																																																																																																																																																																																	
78127-1409	78127-0409	40	44.00	40.40	20.20	22.40	20.10																																																																																																																																																																																																																																																																																	
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